John Robertus
Executive Officer
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4353

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2009 JUN 30 P 2:17

Dear Mr. Robertus:

SUBJECT: Investigation Order No. R9-2006-076, Santa Margarita Estuary Final Data Report Submission

The Santa Margarita Estuary stakeholders submit to you the final monitoring data report as required by Investigation Order No. R9-2006-076. Included in this submission is the final monitoring data sets (laboratory and continuous field measurements), Data Usability and Assessment Review reports for both the laboratory data and the field measured data, ocean inlet land elevation data, and signed certification pages for each of the stakeholders.

It is the stakeholders' belief that the discrete nutrient data are generally of sufficient quality and quantity to evaluate whether the Santa Margarita Estuary is within Basin Plan water quality objectives, using total nitrogen and total phosphorous concentrations (e.g. Basin Plan, 1994). We do not believe, however, that the discrete and continuous data are sufficient to support model development predicting dissolved oxygen or plant biomass.

Discrete nutrient samples: Total nitrogen, total dissolved nitrogen, nitrate, nitrite, ammonia, total phosphorous, total dissolved phosphorous, orthophosphate, biochemical oxygen demand, chlorophyll a, and total suspended solids were measured. A relatively high number of samples failed reproducibility requirements, making the use of such data suspect. There was clearly a problem with the total dissolved nitrogen (TDN) results in the dataset. Total dissolved nitrogen was higher than total nitrogen (TN) values in 78% of samples by as much as a factor of 75. This result was observed by others in the Lagoons TMDL project, though the magnitude of the difference was greater in this dataset. The reason for the elevated levels of TDN is not known but may have been partially a result of filtering methodology. Field blanks showed a similar trend of higher TDN than TN but this does not resolve the issue. It is recommended that none of the TDN data be used in the TMDL evaluation.

Continuous field samples: Conductivity, temperature, dissolved oxygen, pH, and turbidity were measured. Most problems in the continuous data records occurred with dissolved oxygen and conductivity measurements, probably the two most important variables in TMDL model development for the lagoon. Diurnal and bi-weekly variation in Camp, Dresser and McKee (CDM) sonde records between servicing seemed reasonable when compared to day/night cycles and tidal variations, so the sondes seemed to have been stable over these periods, however, there were large discontinuities of dissolved oxygen and conductivity during CDM sonde servicing. The United States

CHANDRA L. WALLAR
DEPUTY CHIEF ADMINISTRATIVE OFFICER

County of San Diego

LAND USE AND ENVIRONMENT GROUP
1600 PACIFIC HIGHWAY, ROOM 212, SAN DIEGO, CALIFORNIA 92101-2422
(619) 531-6256 • FAX (619) 531-5476

Statement of Certification

RE: STATEMENT OF CERTIFICATION for the Santa Margarita River Lagoon Final Monitoring Report: Data Usability and Assessment Review and all previously submitted Quarterly Data Reports

I certify under penalty of law that the Santa Margarita River Lagoon Final Monitoring Report: Data Usability and Assessment Review, dated June 2009, and all previously submitted Quarterly Data Reports, in compliance with Investigation Order No. R9-2006-076, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment for knowing violations.

Chandra Wallar

CHANDRA L. WALLAR
Deputy Chief Administrative Officer
County of San Diego

6-24-09
Date

SANTA MARGARITA RIVER LAGOON MONITORING PROJECT

Investigative Order No. R9-2006-076

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared or reviewed under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Mr. Patrick A. Thomas / Director of Public Works
Name & Title

June 30, 2009
Date

Bill Luna
County Executive Officer

Jay E. Orr
Assistant County Executive Officer

Executive Office, County of Riverside

County of Riverside Certification Statement

Santa Margarita River Lagoon Monitoring Project
Final Report

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Gary M. Christmas

Signature

Gary Christmas, Chief Deputy County Executive Officer

June 25, 2009

Date

Robert T. Andersen Administrative Center
4080 Lemon Street • 4th Floor • Riverside, California 92501 • (951) 955-1100 • Fax (951) 955-1105

UNITED STATES MARINE CORPS
MARINE CORPS BASE
BOX 555008
CAMP PENDLETON, CALIFORNIA 92055-5008

IN REPLY REFER TO:

5090.7B
ENVSEC/426
June 26, 2009

John Robertus
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4353

Dear Mr. Robertus:

SUBJECT: INVESTIGATION ORDER NO. R9-2006-076, SANTA MARGARITA ESTUARY FINAL DATA REPORT SUBMISSION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

ANDREW C ENTINGH
Environmental Compliance Department Head
Assistant Chief of Staff, Environmental Security
By direction of the Commander Officer

DEPARTMENT OF TRANSPORTATION
4050 TAYLOR STREET
SAN DIEGO, CA 92110, MS-242
PHONE (619) 688-0100
FAX (619) 688-4237

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Statement of Certification

RE: Santa Margarita Lagoon Monitoring Report

I certify under penalty of law that the Santa Margarita Lagoon Monitoring Report dated June 2009 and all previously submitted Quarterly Data Reports, in compliance with Investigative Order No. R9-2006-076, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment for knowing violations.

Susanne Glasgow

29 June 2009
Date

SUSANNE GLASGOW
Deputy District Director
Environmental Division
State of California – Department of Transportation

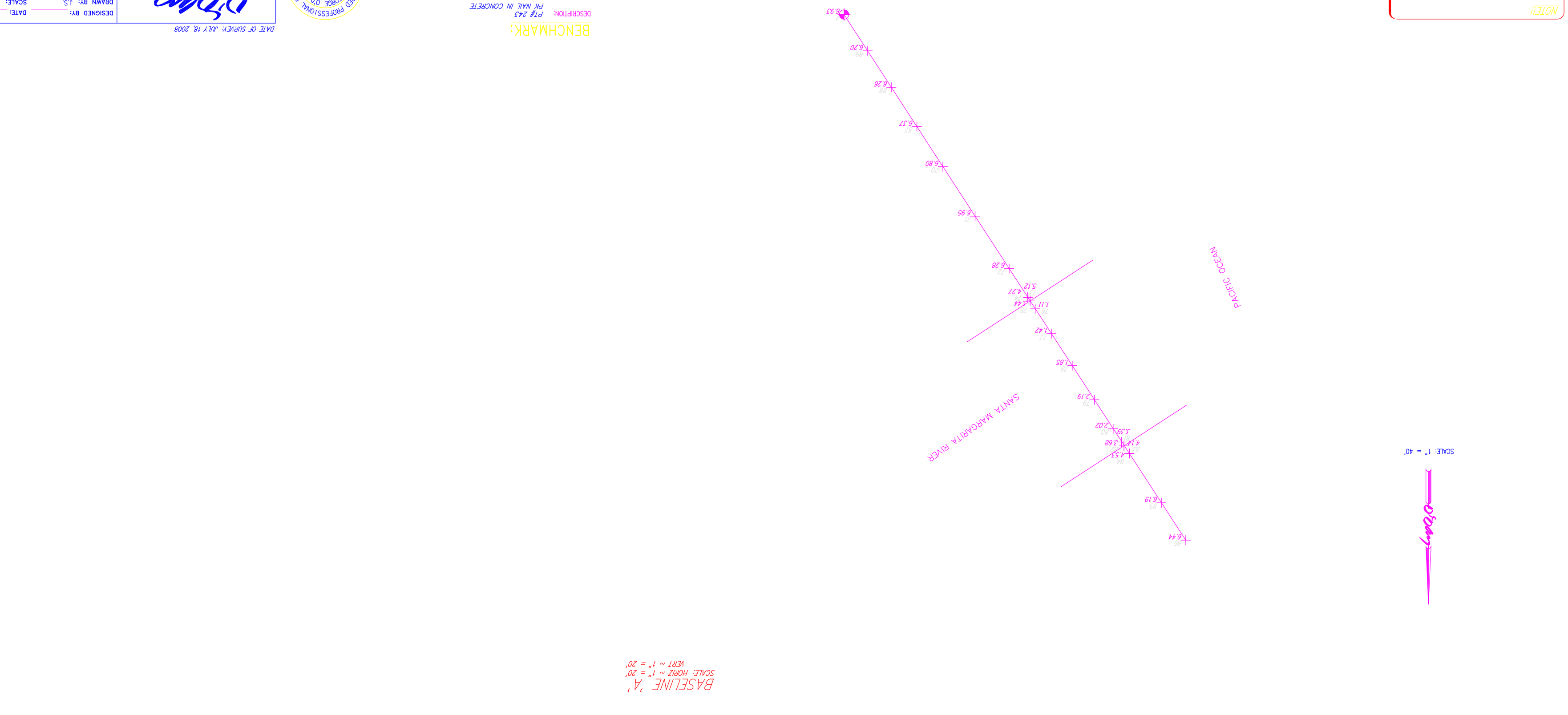
CITY OF TEMECULA
CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared or reviewed under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Daniel A. York, City Engineer
Name and Title, Printed or Typed

June 29, 2009
Date



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BENCHMARK:

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PK NAIL IN CONCRETE

LOCATION: INTERSECTION OF HARBOR RD. AND BASIN RD.
NORTHING 2024680.15
EASTING 6210552.30

RECORD FROM: CAMP PENDLETON CONTROL PER CONTRACT N47408-94-C7417 1994 UPDATED 9/26/05

ELEVATION: 14.57 DATUM: M.S.L.

PROFESSIONAL ENGINEER
GEORGE O'DAY
NO. 32014
EXP. 12/31/08
CIVIL
STATE OF CALIFORNIA
REGISTERED

DATE OF SURVEY: JULY 18, 2008

CONSULTANTS

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Suite 100
Carlsbad, California 92010
760-931-7700
Fax: 760-931-6680
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Civil Engineering
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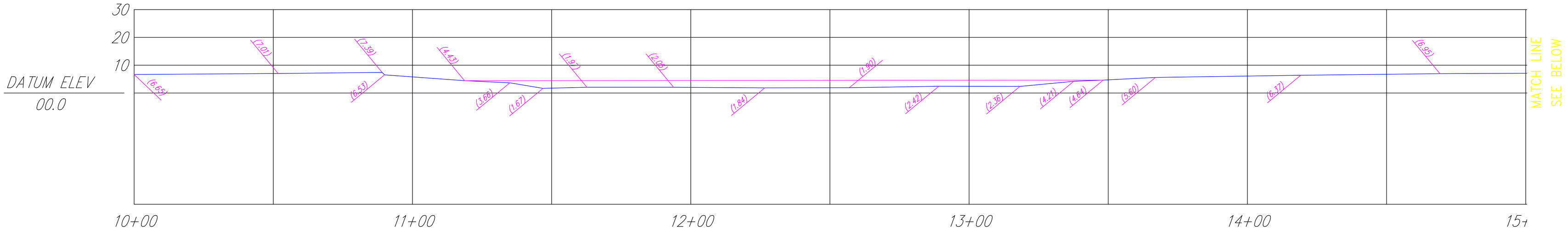
DESIGNED BY:	DATE: JULY 2008
DRAWN BY: J.S.	SCALE: AS SHOWN
PROJECT MGR: G.O.	JOB NO.: 081238
ENGINEER OF WORK: GEORGE O'DAY	DATE: RCE: 32014

SHEET 1 OF 1 SHEETS



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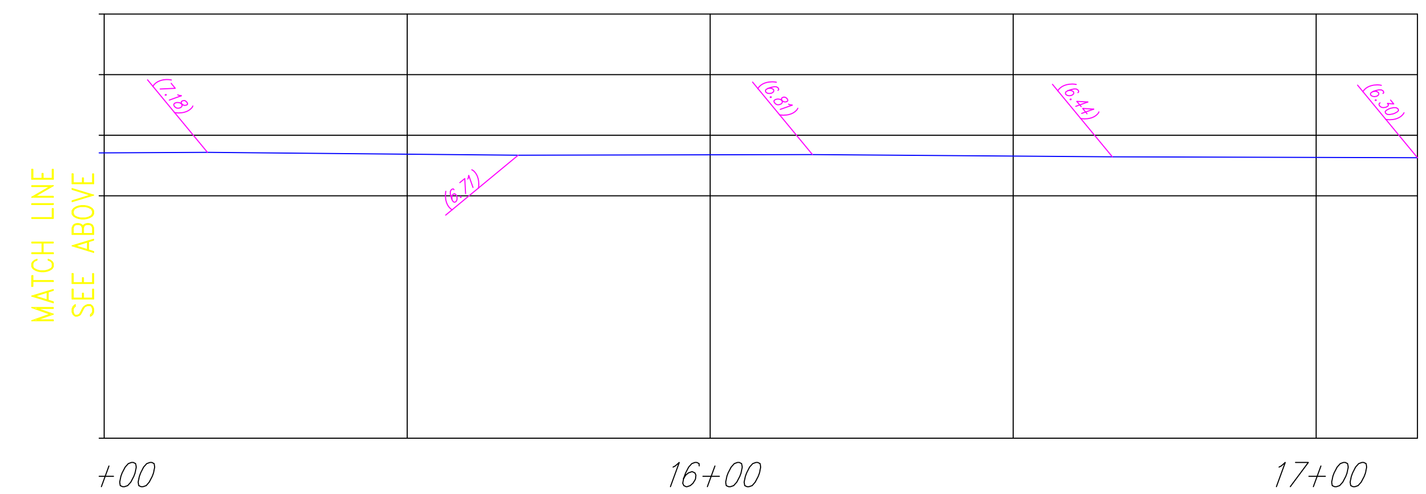

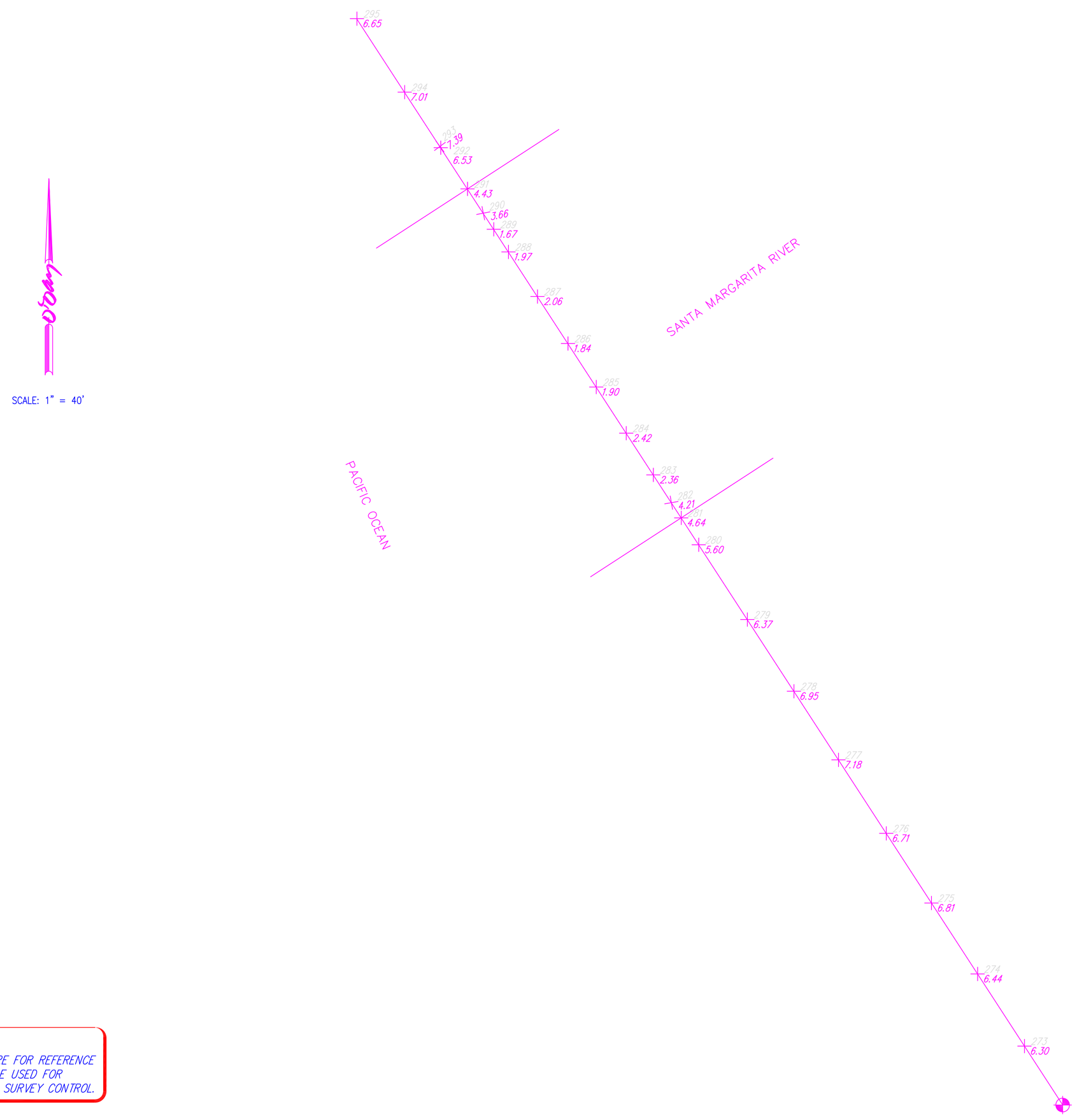

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LOCATION: INTERSECTION OF HARBOR RD. AND BASIN RD.
NORTHING 2024680.15
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RECORD FROM: CAMP PENDLETON CONTROL PER CONTRACT N47408-94-C7417 1994 UPDATED 9/26/05

ELEVATION: 14.57 DATUM: M.S.L.

REGISTERED PROFESSIONAL ENGINEER
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CIVIL
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DATE OF SURVEY: SEPTEMBER 26, 2008

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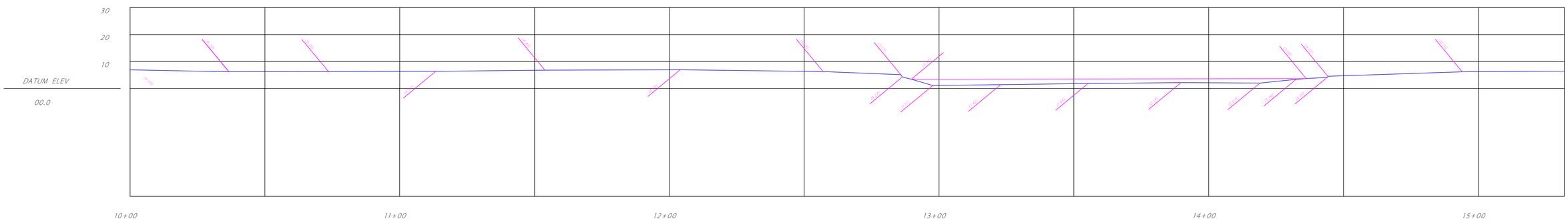
PROJECT MGR.: G.O. JOB NO.: 081238

ENGINEER OF WORK:
GEORGE O'DAY DATE: RCE: 32014



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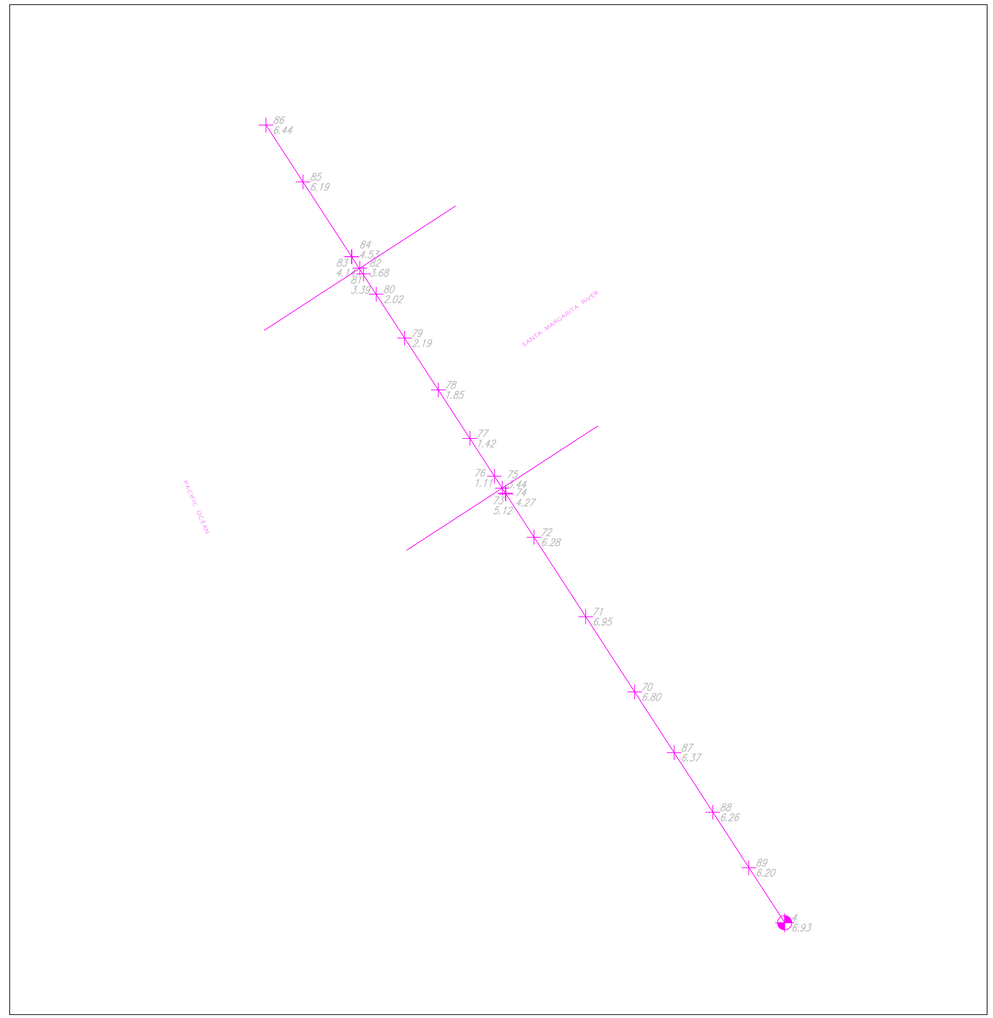

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EASTING 6210332.50

RECORD FROM: CAMP PENDLETON CONTROL PER CONTRACT

94740B-94-C7417 1994 UPDATED 8/26/05

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REGISTERED PROFESSIONAL ENGINEER
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DATE OF SURVEY: JULY 18, 2008

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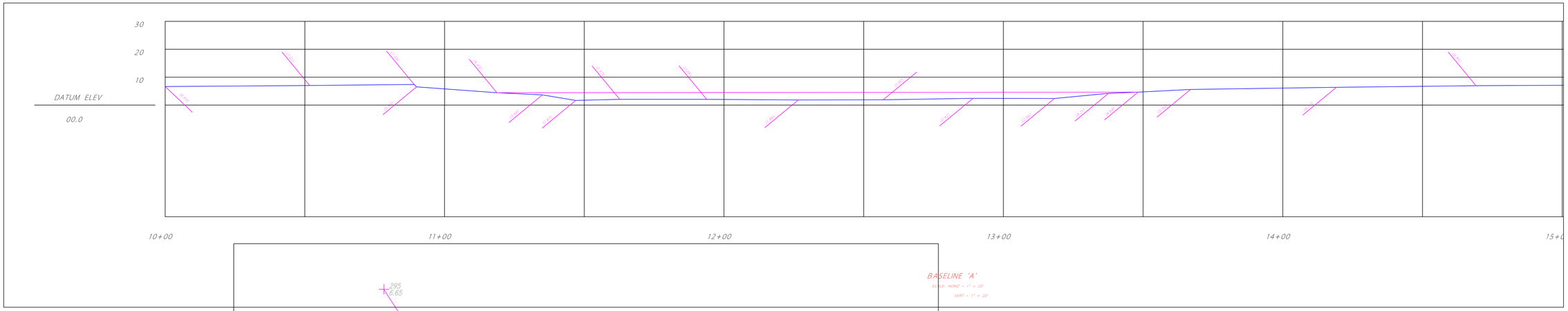
PROJECT MGR.:	G.O.	JOB NO.:	08123B

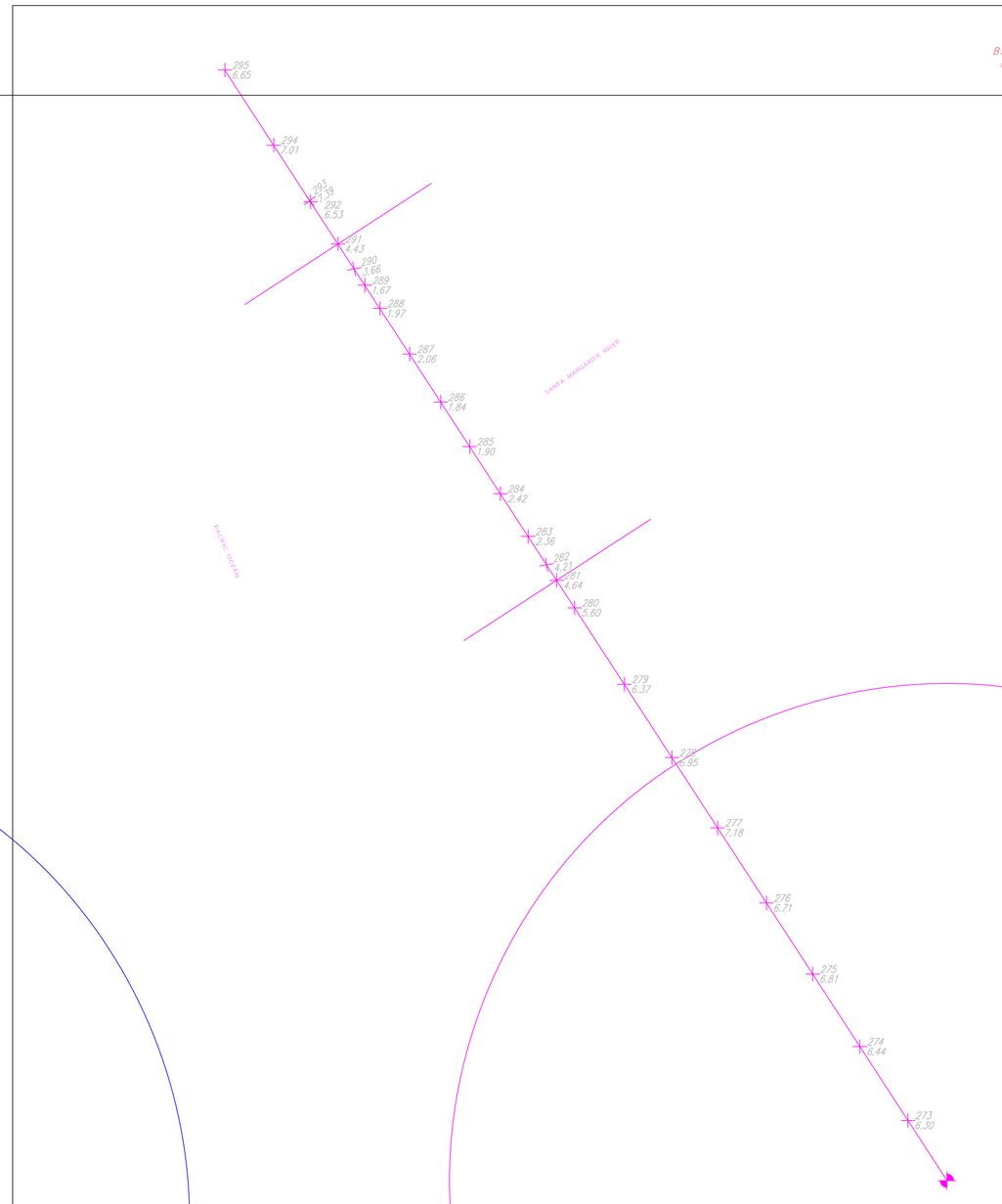
ENGINEER OF WORK:

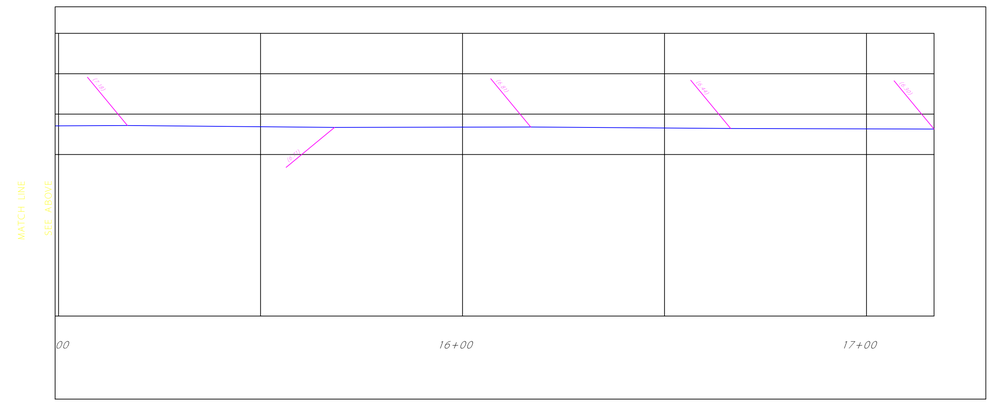
GEORGE O'DAY

DATE:

RCE: 32014







SCALE: 1" = 40'

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NORTHING 2024460.15
EASTING 6210552.30

RECORD FROM: CAMP PENDLETON CONTROL PER CONTRACT
N47428-94-C7417 1994 UPDATED 9/28/05

ELEVATION: 14.57 DATUM: M.S.L.

DATE OF SURVEY: SEPTEMBER 26, 2008

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ENGINEER OF WORK:

GEORGE O'DAY DATE:

R.C.E. 32014

Santa Margarita River Lagoon Monitoring Project

Data Usability and Assessment Review Field Measured Data

Final

June 2009

Prepared by:

CDM
555 17th Street, Suite 1100
Denver, CO 80202

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Acronyms

BOR	Bureau of Reclamation
CALTRANS	California Department of Transportation
CDM	CDM Federal Programs Corporation
DO	dissolved oxygen
DQIs	data quality indicators
DQOs	data quality objectives
MCB	Marine Corps Base
ME	Mass Emission
NC	not calculable
QAPP	Quality Assurance Project Plan
RPD	relative percent difference
SCCWRP	Southern California Coastal Water Research Project
SDRWQCB	San Diego Regional Water Quality Control Board
SWAMP	Surface Water Ambient Monitoring Program
TMDL	total maximum daily load
USGS	U.S. Geological Survey
Work Plan	Final San Diego Coastal Lagoons TMDL Monitoring Work Plan

Introduction
Data Usability and Assessment Review

CDM Federal Programs Corporation (CDM) was contracted by the Santa Margarita Lagoon Dischargers, through the Bureau of Reclamation (BOR), to perform data collection and monitoring of the Santa Margarita Lagoon per the San Diego Regional Water Quality Control Board's (SDRWQCB) Investigative Order R9-2006-0076.

The Santa Margarita Lagoon Dischargers include the following parties:

- Marine Corps Base (MCB) Camp Pendleton
- Naval Weapons Station Fallbrook
- County of San Diego
- California Department of Transportation (CALTRANS)
- Riverside County Flood Control and Water Conservation District
- City of Temecula
- City of Murrieta

The coastal lagoons of San Diego County represent approximately one-third of the remaining estuarine acreage in Southern California and provide critical natural habitat for terrestrial and aquatic species. The Santa Margarita Lagoon is listed on the State's 303(d) List for nutrients/eutrophication.

The data collected by CDM will be used by the SDRWQCB for development of models and use in developing total maximum daily loads (TMDLs) for the Santa Margarita Lagoon. Setting the appropriate TMDLs is based on an understanding of the hydrodynamics, sources, loading, transport, and cycling of constituents of interest. Dynamic simulation models are tools utilized for determining load allocations as well as fate and transport in the lagoon. Complete data required to develop these models are not currently available for the Santa Margarita Lagoon. The purpose of the monitoring program is to address the principal data needs and provide the data to the SDRWQCB for development of watershed loading and water quality models for the targeted contaminants of interest in the Santa Margarita Lagoon.

The purpose of this data evaluation is to evaluate the field data and determine whether they meet the quality objectives outlined in the Quality Assurance Project Plan (QAPP), Santa Margarita Lagoon Monitoring for the RWQCB Investigative Order R9-2006-0076, San Diego County, California, Revision 1 (CDM September 2007).

Section 1
Data Collection Objectives

CDM performed continuous measurements for five parameters (conductivity, dissolved oxygen (DO), pH, temperature, and turbidity) at three fixed sites within the Santa Margarita Lagoon and river. These three sites (Segment 1, Segment 2, and Mass Emission) correspond to the same three locations where water quality samples were collected during dry and wet weather conditions and analyzed as part of the overall Santa Margarita Lagoon Monitoring Project.

Table 1-1 describes in detail the continuous monitoring requirements versus the actual collection effort carried out by CDM as required by the Final San Diego Coastal Lagoons TMDL Monitoring Work Plan, June 18, 2007 (Work Plan). This Work Plan was developed by the Southern California Coastal Water Research Project (SCCWRP) and was the basis upon which the Lagoon Dischargers were directed to conduct the Santa Margarita Lagoon Monitoring effort.

In order to be compliant with the Surface Water Ambient Monitoring Program (SWAMP), the SDRWQCB required a QAPP to be developed. An approved QAPP Santa Margarita Lagoon Monitoring for the RWQCB Investigative Order R9-2006-0076, San Diego County, California, Revision 1, was developed in September 2007.

Table 1-1 Summary of Required Field Collected Data

Project Task	Required	Collection Effort
Continuous Monitoring	**Daily Weather information:** Collect rainfall, wind speed and direction, air temperature, and percent humidity data. Collected from January 1, 2008 through September 30, 2008.	Obtained these weather data from the Marine Corps Air Station Weather Office.
	Flow Data: Collect continuous data for flow from October 2007 to September 30, 2008. Flow data collected from existing U.S. Geological Survey (USGS) San Ysidora gage.	Obtained these data from the USGS San Ysidora gage.
	Water Level: Collect data for water level via USGS Santa Margarita River at Oceanside gage to correspond to Segment 1 and Segment 2 continuous monitoring schedule.	Obtained these data from the USGS Santa Margarita River at Oceanside was used as a proxy for the water level.
	Mass Emissions (ME) site:	
	Collect continuous data for conductivity and temperature parameters from October 2007 to September 30, 2008.	Begin recording (October 4, 2007) for conductivity and temperature
	During Four Index Dry Periods: Add continuous data for DO, pH, and turbidity only during Index periods.	Added DO, pH, turbidity (March 19, 2008); CDM collected these parameters as *additional optional* readings to provide additional data points. August 15, 2008; 0900 – last recorded reading at Mass Emission (ME) site due to dry condition.

Table 1-1 Summary of Required Field Collected Data

Project Task	Required	Collection Effort
	Segment 1 (S1) and Segment 2 (S2) sites:	
	January 1 to March 31, 2008: Collect continuous data for conductivity, temperature, and turbidity.	Begin recording for conductivity, temperature, and turbidity: Segment 1 (January 30, 2008); Segment 2 (February 5, 2008); Additional non-required parameters collected: pH and DO
	April 1 to May 31, 2008: No data collection required at Segment 1 (S1) and Segment 2 (S2).	CDM agreed with Lagoon Discharger to leave sondes in place and continue collecting all 5 parameters, beyond Work Plan requirements, in an effort to bolster dataset and to mitigate data gaps during January to March 2008.
	June 1 to September 30, 2008: Collect continuous data for conductivity, temperature, and turbidity.	CDM collected all 5 parameters (DO, temp, pH, conductivity, and turbidity) during June through September 2008 on a continual basis. DO and pH were collected beyond Index periods in effort to bolster dataset and increase completeness percentage.
	Four Index Dry Periods: Only during Index periods, add DO and pH parameters in addition to conductivity, temperature, and turbidity.	DO and pH were programmed for continual collection during the four Index periods. Index Period sample days: Index 1: January 30, 31; Feb. 1, 2, 6, 7, 8 Index 2: March 24, 25, 26, 31; April 1, 2 Index 3: July 21, 22, 23, 28, 29, 30 Index 4: Sept 23, 24, 25, 29, 30; October 1

Section 2
Summary of Continuous Data Collection Performance

Fixed sondes, measurement devices for collecting water quality parameters, were placed at three designated locations within the Santa Margarita River system. Segment 1 (S1) was located near the mouth of the lagoon and located west of the Interstate-5 Freeway bridge. Segment 2 (S2) was located upstream of S1 and west of the Stuart Mesa bridge. The third collection site was the Mass Emission (ME) site located west of the Basilone Road Bridge and serves as a data point representing loading input into the Santa Margarita Lagoon. Table 2-1 identifies the equipment used for this continuous data collection effort.

Table 2-1 List of *In Situ* Field Equipment

Site	Sonde	Duration of Use
Mass Emissions	*In Situ* Troll 9000 and YSI Environmental 6920 Compact Sonde	Troll 9000 used from collection start to May 23, 2008; YSI 6920 used after May 23, 2008. [Note: Due to equipment failure, Troll 9000 was replaced with YSI 9620 sonde after May 23, 2008]
Segment 1	YSI Environmental 6920 Compact Sonde	Entire duration of data collection
Segment 2	YSI Environmental 6920 Compact Sonde	Entire duration of data collection

The ongoing effort for maintenance and calibration of the *in situ* sondes was a challenge during the course of the project. All three sites experienced equipment malfunctions resulting in data gaps. ME and S2 sondes were particularly problematic and required replacement sondes to be installed.

The DO sensors were also problematic and susceptible to fouling. DO sensors often were "re-built" with replacement DO sensor cleaning kits during calibration servicing.

In July and August 2008, the ME site had intermittent and extended dry periods that lead to eventual removal of the ME sonde on August 15, 2008.

Table 2-2 provides a summary of the operational performance history of the three fixed sondes installed to collect for continuous monitoring at the S1, S2, and ME sites.

Table 2-2 Continuous Sonde Performance Periods

Site	Start Date/Time	End Date/Time	Interval	Parameters	Notes
Mass Emission (ME)	10/04/07; 1521	10/04/07; 1524	30 min	temperature, conductivity	Collect two required parameters
	10/04/07; 1524	11/02/07; 1105		Data Gap	Probe stopped functioning after disconnect with handheld download device; battery issue; CDM contacted BOR and offered to collect extra month at back end of project to make up for loss of data; BOR contacted RWQCB, but RWQCB declined to have CDM collect additional month.
	11/02/07; 1105	11/21/07; 1435	30 min	Temperature, conductivity	
	11/21/07; 1435	12/14/07; 1033		Data Gap	ME probe was damaged by a prior storm and was not functioning during this period.
	12/14/07; 1033	03/03/08; 2003	30 min	Temperature, conductivity	Replacement ME sonde installed on 12/14/07
	03/03/08; 2003	03/19/08; 1431		Data Gap	Low battery voltage problem ended recording; replacement conducted on 3/11/08; Clock was not reset after battery change; system date defaulted and caused a further recording error.
	03/19/08; 1431	05/08/08; 1014	30 min	Temperature, conductivity; add DO, turbidity, pH	Recording problem corrected on 03/19/08; CDM decided to collect additional non-required parameters (DO, pH, and turbidity) for extra data points
	05/08/08; 1014	05/08/08; 1131		Data Gap	Brief data gap due to servicing of sonde
	05/08/08; 1131	05/23/08; 1027	30 min	Temperature, conductivity, DO, turbidity, pH	
	05/23/08; 1027	05/28/08; 1330		Data Gap	Equipment malfunction required replacement of Troll 9000 unit with YSI 6920 unit, on 05/28/08; Equipment supplier did not have a replacement Troll 9000 available
	05/28/08; 1330	08/15/08; 0900	30 min	Temperature, conductivity, DO, turbidity, pH	ME sonde removed due to no flow conditions

Table 2-2 Continuous Sonde Performance Periods

Site	Start Date/Time	End Date/Time	Interval	Parameters	Notes
Segment 1 (S1)	01/03/08	01/30/08; 0830		Data Gap	Installed S1 sonde on 01/03/08 and left running; batteries changed on 01/27/08; Battery problem discovered after the fact; When connected with handheld download device, sonde appeared to be functioning normally but was actually being powered by the handheld device; When handheld removed, the sonde was not powered up and not actually recording
	01/30/08; 0830	08/15/08; 0930	30 min	Temperature, conductivity, DO, turbidity, pH	New battery reinstalled on 01/30/08; sonde functioning
	08/15/08; 0930	08/15/08; 1015		Data Gap	Brief data gap due to servicing of sonde
	08/15/08; 1015	10/01/08; 1300	30 min	Temperature, conductivity, DO, turbidity, pH	Experienced data download connection error; YSI sonde at S1 replaced with sonde (removed from ME site on 08/15/08); DO sensor rebuilt prior to installation; Between 08/15 and 08/19, S1 sonde had a DO sensor problem; On 08/19/08, replacement YSI 6920 sonde installed. 09/12/08 - unable to calibrate DO sensor; determined sonde installed on 08/19 to have defective optical DO sensor (confirmed by Pine Environmental Tech support); another replacement ordered and installed on 09/19

Table 2-2 Continuous Sonde Performance Periods

Site	Start Date/Time	End Date/Time	Interval	Parameters	Notes
Segment 2 (S2)	01/03/08	2/5/08; 1430		Data Gap	Installed S2 sonde on 01/03/08 and left running; batteries changed on 01/27/08; battery problem discovered after the fact; when connected with handheld download device, sonde appeared to be functioning normally but was actually being powered by the handheld device; when handheld removed, the sonde was not powered up and not actually recording; 01/30/08 - S2 sonde was discovered to have additional operability problems; replacement on 02/05/08
	02/05/08; 1430	02/10/08; 1530	30 min	Temperature, conductivity, DO, turbidity, pH	
	02/10/08; 1530	03/10/08; 1430		Data Gap	S2 sonde stopped functioning due to battery problems; 2/27/08 service revealed when handheld device is connected, sonde appears to log data; in "unattended" mode, data was not collecting
	03/10/08; 1430	05/01/08; 0830	30 min	Temperature, conductivity, DO, turbidity, pH	Replacement sonde installed
	05/01/08; 0830	05/08/08; 1130		Data Gap	Downloaded file erased mistakenly due to difference in operability/software when handheld is connected to sonde versus when handheld is operated with no sonde connection
	05/08/08; 1130	05/15/08; 1000	30 min	Temperature, conductivity, DO, turbidity, pH	
	05/15/08; 1000	05/30/08; 1430		Data Gap	S2 sonde malfunctioned and could not be corrected with tech support; replacement sonde arrived and also had defect upon deployment; Installed a working sonde on 05/30/08
	05/30/08; 1430	10/01/08; 1430	30 min	Temperature, conductivity, DO, turbidity, pH	

Section 3
Data Review

Collection of field parameters with *in situ* sondes is challenging from an operational perspective. The fixed sondes were required to log data and be operational for 24 hours per day for an extended period of time.

The dynamic nature of the lagoon due to the watershed input and ocean tidal influence further presents challenges. Since the probes are left in place, the sensors, particularly for DO, are prone to fouling and required frequent cleaning and membrane replacement.

CDM performed a review of the entire set of continuously recorded data for each parameter in order to determine which data to qualify, and which data were usable for purposes of the TMDL model effort. DO and conductivity are the most important parameters for the lagoon modeling effort.

Attachment 1 provides details of the review with general observations. Plots were produced to help examine trends. For instance, the DO readings were examined to determine if they were following a diurnal cycle pattern or experiencing drift. In the case of temperature data, it was evaluated to determine if readings were following diurnal fluctuations.

Review of these field collected data is not a perfect science but requires judgment to determine which data to qualify and which data to leave intact.

Obvious anomalous readings were identified in cases where the readings were fixed (and unchanging) over a period of time, were obvious outliers, or implausible negative readings. Negative value turbidity readings were a common observation for each of the sites). These anomalous readings were declared invalid.

Continuously collected data are summarized in separate worksheet tabs (Segment 1, Segment 2, and ME) in an Excel Workbook file named "SantaMargaritaLagoonField_Data2009 May.xls. The date, time, and recorded parameters (conductivity, DO, pH, temperature, and turbidity) are shown in each column of the worksheet. In addition, for each parameter, a qualifying column documents the reason for invalidating the data record. Qualifying reasons include a range of reasons to including the following:

- Anomalous data - data spike
- Anomalous data - data spike/fixed reading
- Anomalous data - equipment error
- Anomalous data - probe possibly out of water
- Anomalous data - prone to downward drift
- Anomalous data – data shifts after calibrations
- Damaged DO sensor

- Invalid – erratic results
- Invalid – negative value
- Invalid – no flow at ME
- Outlier

Table 3-1 lists for each of the collections sites, by parameters, the maximum number of records that potentially could have been recorded, the number of data records recorded, and the actual remaining usable records as a result of the data review. Each of the sondes at the sites collected data on a 30 minute interval, 24-hours per day, for a maximum total of 48 records each day.

As a result of the data review, data records for each parameter were qualified. The remaining data resulted in a usable dataset.

Table 3-1 Comparison of Required, Recorded, Qualified, and Usable Records

Site					
Mass Emissions	**Conductivity**	**Dissolved Oxygen**	**pH**	**Temperature**	**Turbidity**
Required	17,568	1,248	1,248	17,568	1,248
Recorded	11,962	7,168	7,168	11,962	7,168
Qualified	4,612	3,541	1,079	1,303	3,397
Usable	7,350	3,627	6,089	10,659	3,771
Segment 1					
Required	10,224	1,248	1,248	10,224	10,224
Recorded	11,747	9,676	11,747	11,747	11,747
Qualified	3,906	5,592	4	1	5,964
Usable	7,841	4,084	11,743	11,746	5,783
Segment 2					
Required	10,224	1,248	1,248	10,224	10,224
Recorded	8,738	8,738	8,738	8,738	8,738
Qualified	3,968	4,390	5	50	2,184
Usable	4,770	4,348	8,733	8,688	6,554

Section 4
Data Quality Objectives

Data quality objectives (DQOs) were established in the QAPP to ensure precision, accuracy, and completeness. The data quality indicators (DQIs) for field measured data are expressed in terms of precision, accuracy, and completeness and are listed as follows in Table 4-1. These established criteria were derived from Element 7 of the SWAMP QAPP template.

Table 4-1 Data Quality Objectives for Field Measurements

Group	Parameter	Precision	Accuracy	Completeness
Field Measurement	Temperature	± 0.5°C	±0.5°C	90%
	Conductivity	± 5%	0.5 uS/cm	90%
	Turbidity	± 5%	0.1 NTU	90%
	pH	± 5%	0.1	90%
	DO	± 5%	0.5 mg/L	90%

4.1 Precision

Precision is a quantitative term that estimates the reproducibility of a set of replicate measurements under a given set of conditions. It is defined as a measurement of mutual agreement between measurements of the same property, and is expressed in terms of relative percent difference (RPD) between duplicate determinations.

Since the field measured data were derived from *in situ* continuous monitored equipment, there was no true opportunity to collect actual "duplicate" measurements from the sondes as a means to assess precision between duplicate measurements.

However, beginning in May 2008, prior to each calibration of fixed sondes at S1, S2, and ME sites, hand-held field measurements were taken with an Horiba U-20 as a form of backup and additional readings to assist modelers in future efforts. These discrete readings are provided in Table 4-2 and compared to the readings collected from the fixed continuously recording sondes at Segment 1 and Segment 2. Table 4-3 also shows a comparison of discrete readings taken at the ME site to readings collected from the ME fixed continuously collecting sonde.

Since the autonomous sondes record data at 30 minute intervals, the exact times at which field measurements were recorded with the hand held Horiba U-20 do not always correspond directly with the times associated with autonomously logged measurements by the fixed sondes.

Table 4-2 Comparison of Discrete Readings with Fixed Sonde Collected Readings for S1 and S2

Discrete Field Measurement at S1 and S2 Sites during Calibration

Date	Segment	Time	Temp (C)	Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	pH
05/08/08	**S2**	11:00	18.51	6.33	3.5	10.07	7.2
05/08/08	**S1**	11:55	18.77	28.4	19	14.09	7.3
05/15/08	**S2**	11:00	20.88	3.02	0	8.87	7.4
05/15/08	**S1**	11:40	23.62	30.1	41.6	14.01	7.6
05/23/08	**S2**	11:00	20.64	24.1	40.6	7.74	7.0
05/23/08	**S1**	12:10	15.67	35.5	21	11.63	7.8
05/28/08	**S1**	14:10	22.58	2.62	66.9	12.52	8.0
05/28/08	**S2**	14:30	22.32	2	5.8	13.47	8.0
06/05/08	**S1**	9:15	20.7	48.2	147	8.33	6.8
06/05/08	**S2**	10:00	20.52	24.6	18.7	6.75	7.4
06/13/08	**S1**	9:25	22.84	55.9	50.8	6.77	7.2
06/13/08	**S2**	9:55	25.03	33.2	16.6	4.63	7.2
06/20/08	**S1**	9:15	23.56	49	60.2	6.16	7.1
06/20/08	**S2**	9:45	25.31	41.8	28.5	6.8	7.4
06/27/08	**S1**	11:50	25.53	50.7	61.7	19.99	8.0
06/27/08	**S2**	12:35	27.35	37.3	27.5	13.49	7.9
07/03/08	**S1**	11:20	22.2	56.8	142	5.69	7.4
07/03/08	**S2**	12:05	24.15	4.95	3	3.37	7.2
07/11/08	**S1**	11:05	25.3	45.2	12.8	9.41	7.0
07/11/08	**S2**	11:35	25.75	33.3	43.5	10.11	7.2
07/17/08	**S1**	15:15	27.49	54.2	165	18.62	7.1
07/17/08	**S2**	16:30	31.06	44.1	1.1	17.26	7.5
7/23/2008	**S2**	14:30	29.22	41.2	0	14	7.6
7/23/2008	**S1**	15:30	29.73	42.2	200	9.95	7.3
7/30/2008	**S1**	12:00	24.91	45.4	0	13.97	8.7
7/30/2008	**S2**	17:00	29.85	91.2	0	14.05	8.9
08/08/08	**S1**	11:10	29.14	38.6	158	19.59	9.0
08/08/08	**S2**	12:00	27.64	35.5	0	12.74	8.9
08/15/08	**S1**	10:11	24.08	50.1	0	9.82	8.8
08/15/08	**S2**	12:05	27.42	78.7	0	10.94	9.0
08/29/08	**S1**	10:55	23.95	50.5	0	NR	NR
08/29/08	**S2**	11:05	25.08	39.6	0	NR	NR
09/05/08	**S1**	14:30	25.8	75.3	69	16.25	9.4
09/05/08	**S2**	14:55	29.73	63.1	108	14.8	9.2
09/12/08	**S1**	10:10	23.26	58.8	111	5.59	8.6
09/12/08	**S2**	10:55	23.66	58.3	11.4	2.38	8.9
09/19/08	**S1**	8:52	21.8	65.2	18	6.42	8.8
09/19/08	**S2**	9:10	20.33	60	66.5	0	8.6

Note: NR - no record due to equipment error

Sonde Continuous Recorded Measurement at S1 and S2 Sites

Date	Segment	Time	Temp (C)	Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	pH
05/08/08	**S2**	11:30	19.22	7.184	4.00	19.40	7.32
05/08/08	**S1**	12:00	12.54	0.012	-15.60	10.28	4.77
05/15/08	**S2**	10:00	19.85	2.103	7.50	7.71	7.66
05/15/08	**S1**	11:30	20.49	28.652	-6.80	7.51	7.75
05/23/08	**S2**	NR	NR	NR	NR	NR	NR
05/23/08	**S1**	12:00	18.88	42.085	4.50	4.73	7.92
05/28/08	**S1**	13:30	20.37	2.527	9.70	11.78	8.05
05/28/08	**S2**	NR	NR	NR	NR	NR	NR
06/05/08	**S1**	9:30	20.38	47.888	414.70	-0.31	7.69
06/05/08	**S2**	10:00	20.21	16.935	3.80	4.06	7.27
06/13/08	**S1**	9:30	22.8	48.79	1.80	3.01	7.55
06/13/08	**S2**	10:00	24.18	20.452	19.20	-3.91	7.87
06/20/08	**S1**	9:30	24.05	39.149	8.00	2.37	7.37
06/20/08	**S2**	10:00	25.06	26.981	2.20	-1.83	7.57
06/27/08	**S1**	12:00	25.9	41.447	21.10	10.32	8.51
06/27/08	**S2**	13:00	29.06	18.361	-1.90	1.67	8.14
07/03/08	**S1**	11:30	21.45	74.673	13.30	2.37	13.30
07/03/08	**S2**	12:00	24.07	13.864	-34.40	1.65	6.34
07/11/08	**S1**	11:30	25.37	33.212	5.30	5.70	8.08
07/11/08	**S2**	11:00	25.83	10.98	-41.10	3.74	7.36
07/17/08	**S1**	15:00	28.62	37.903	66.90	2.05	8.39
07/17/08	**S2**	17:00	31.06	2.283	-40.50	15.02	8.74
07/23/08	**S2**	14:37	20.33	0.458	-0.10	9.85	7.88
07/23/08	**S1**	15:30	26.51	34.449	-8.60	4.76	8.69
07/30/08	**S1**	12:00	24.89	27.774	-10.30	6.34	8.43
07/30/08	**S2**	17:00	30.09	17.61	1.10	4.92	8.57
08/08/08	**S1**	11:00	20.82	0.049	-3.50	8.59	5.26
08/08/08	**S2**	12:00	28.4	16.12	-0.70	13.40	7.89
08/15/08	**S1**	10:15	25	44.38	-2.20	35.11	8.64
08/15/08	**S2**	12:00	21.47	1.225	-4.00	9.51	7.36
08/29/08	**S1**	11:00	23.89	52.151	-5.50		8.03
08/29/08	**S2**	11:00	25.07	47.476	2.10	4.31	8.27
09/05/08	**S1**	14:30	25.11	51.829	-5.30		8.2
09/05/08	**S2**	15:00	27.39	48.795	24.20	5.45	7.87
09/12/08	**S1**	9:30	24.11	51.676	-6.00		7.93
09/12/08	**S2**	11:00	20.24	0.511	-5.50	6.84	7.13
09/19/08	**S1**	9:00	22.43	48.928	2.5		7.87
09/19/08	**S2**	9:00	19.94	42.269	14	2.51	7.43

Note: NR - no record due to equipment error

Table 4-3 Comparison of Discrete Readings with Fixed Sonde Collected Readings for Mass Emissions Site

Discrete Field Measurements at Mass Emission site							Sonde Continuously Collected Measurements at Mass Emission site						
Date	**Time**	**Temp (C)**	**Conductivity (mS/m)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**pH**	**Date**	**Time**	**Temp (C)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**pH**
05/15/08	10:15	20.28	1.42	0	10.35	7.2	05/15/08	10:01:17	16.52	1.142	1404.60	9.143	7.84
05/23/08	9:20	16.06	1.01	699	7.33	6.0	05/23/08	9:27:21	15.99	0.746	644.60	6.852	7.61
05/28/08	12:55	23.76	1.33	1.3	8.4	7.3	05/28/08	13:30:31	24.36	1.11	1.70	7.8	7.79
06/05/08	8:30	18.93	1.38	6.6	9.07	6.8	06/05/08	8:30:32	18.48	1.378	1.40	8.33	7.55
06/13/08	8:35	19.07	1.3	0	9.12	7.1	06/13/08	8:30:31	19.43	1.311	0.50	8.25	7.18
06/20/08	8:30	20.2	1.29	0	7.75	6.9	06/20/08	8:30:32	20.7	1.433	-1.40	10.85	7.62
06/27/08	10:50	25.54	1.47	1.7	8.07	7.2	06/27/08	11:00:32	26.29	1.448	-7.30	7.74	7.88
07/03/08	10:20	25.67	1.49	21.4	8.47	6.9	07/03/08	10:30:32	26.12	0.048	-8.20	5.24	7.86
07/11/08	10:10	24.97	1.44	9.8	8.28	6.9	07/11/08	10:30:32	26.41	1.281	-3.70	4.13	8.09
07/17/08	17:15	27.17	0.973	0	7.63	7.0	07/17/08	17:30:32	26.81	1.008	-1.10	2.51	8.48

As an alternative approach to evaluate the precision of the fixed field measured sondes, Table 4-4 shows RPDs for each parameter using these backup discrete readings compared to the fixed sonde readings for Segment 1 and Segment 2.

Table 4-4 RPDs Calculated for S1 and S2 Sites

Relative Percent Difference (RPD) – S1 and S2 Sites							
Date	**Segment**	**Nearest Time ***	**Temp**	**Conductivity**	**Turbidity**	**Dissolved Oxygen**	**pH**
5/8/2008	**S2**	11:00	4	13	13	63	1
5/8/2008	**S1**	11:55	40	200	2035	31	42
5/15/2008	**S2**	11:00	5	36	200	14	3
5/15/2008	**S1**	11:40	14	5	278	60	2
5/23/2008	**S2**	11:00	NC	NC	NC	NC	NC
5/23/2008	**S1**	12:10	19	17	129	84	2
5/28/2008	**S1**	14:10	10	4	149	6	1
5/28/2008	**S2**	14:30	NC	NC	NC	NC	NC
6/5/2008	**S1**	9:15	2	1	95	215	12
6/5/2008	**S2**	10:00	2	37	132	50	1
6/13/2008	**S1**	9:25	0	14	186	77	5
6/13/2008	**S2**	9:55	3	48	15	2372	9
6/20/2008	**S1**	9:15	2	22	153	89	4
6/20/2008	**S2**	9:45	1	43	171	347	3
6/27/2008	**S1**	11:50	1	20	98	64	6
6/27/2008	**S2**	12:35	6	68	230	156	3
7/3/2008	**S1**	11:20	3	27	166	82	57
7/3/2008	**S2**	12:05	0	95	NC	69	12
7/11/2008	**S1**	11:05	0	31	83	49	14
7/11/2008	**S2**	11:35	0	101	7050	92	2
7/17/2008	**S1**	15:15	4	35	85	160	16
7/17/2008	**S2**	16:30	0	180	NC	14	15
7/23/2008	**S2**	14:30	36	196	NC	35	4
7/23/2008	**S1**	15:30	11	20	218	71	18
7/30/2008	**S1**	12:00	0	48	NC	75	3
7/30/2008	**S2**	17:00	1	135	200	96	4
8/8/2008	**S1**	11:10	33	199	209	78	53
8/8/2008	**S2**	12:00	3	75	NC	5	12
8/15/2008	**S1**	10:11	4	12	NC	113	2
8/15/2008	**S2**	12:05	24	194	NC	14	19
8/29/2008	**S1**	10:55	0	3	NC	NC	NC
8/29/2008	**S2**	11:05	0	18	200	NC	NC
9/5/2008	**S1**	14:30	3	37	233	NC	14
9/5/2008	**S2**	14:55	8	26	127	92	16
9/12/2008	**S1**	10:10	4	13	223	NC	9
9/12/2008	**S2**	10:55	16	197	573	97	22
9/19/2008	**S1**	8:52	3	29	151	NC	11
9/19/2008	**S2**	9:10	2	35	130	200	15

Note: Not calculable (NC) due to no recorded (NR) measurements due to equipment error
Nearest time: Discrete measurement times are not always exactly comparable to the recorded time of reading taken by the continuous sonde.

Table 4-5 shows RPDs for each parameter using these backup discrete readings compared to the fixed sonde readings at the ME site.

Table 4-5 RPDs Calculated for Mass Emission Site

Relative Percent Difference (RPD) - ME Site						
Date	**Nearest Time ***	**Temp**	**Conductivity**	**Turbidity**	**Dissolved Oxygen**	**pH**
05/15/08	10:15	20	22	200	12	9
05/23/08	9:20	0	30	8	7	23
05/28/08	12:55	2	18	27	7	6
06/05/08	8:30	2	0	130	9	10
06/13/08	8:35	2	1	200	10	1
06/20/08	8:30	2	11	NC	33	10
06/27/08	10:50	3	2	NC	4	9
07/03/08	10:20	2	188	NC	47	13
07/11/08	10:10	6	12	NC	67	15
07/17/08	17:15	1	4	NC	101	19

Note:
Not calculable (NC) due to no recorded (NR) measurements from fixed ME sonde;
Nearest time: Discrete measurement times are not always exactly comparable to the recorded time of reading taken by the continuous sonde.

As expected, the majority of the calculated RPDs listed in Tables 4-4 and 4-5 exceeded the very stringent RPD criterion of ±5 percent. As mentioned previously, a different approach was utilized to assess precision by comparing data collected by two different types of instruments. Furthermore, the sample times using the different instrumentation did not always correspond closely with each other. As a result, higher RPD values were to be expected and were not used as a basis for qualification.

4.2 Accuracy

Accuracy is the degree of agreement of a measurement with an accepted reference or true value, and is a measure of the bias in a system.

In the case of *in situ* sampling, accuracy is obtained by calibration. Field notes are included in Attachment 2, indicating regular sonde calibration on a frequency basis beginning in April 2008.

The sonde instruments, as described in Section 2, meet the accuracy requirements as described by the manufacturer specifications (see Attachment 3) that list the accuracy level that the instruments can achieve when sensors are calibrated according to manufacturer specifications.

4.3 Completeness

As described in Section 3, the continuous field collected data was reviewed to determine for each site (S1, S2, and ME) and for each measured parameter (conductivity, DO, pH, temperature, and turbidity) the total number of recorded data records and the number of usable data records.

Each of the sondes collected data on a 30 minute interval 24 hours a day. Based upon the required collection date periods, a maximum number of total records can be determined for each site. As discussed in Section 3, the data were reviewed and qualified, resulting in a declared number of usable records for each parameter for each of three sites.

A completeness percentage was calculated based on the number of actual total recorded readings compared to required readings. Additionally, a separate completeness for acceptable data was also calculated by comparing the number of usable data to measured data.

Table 4-6 shows the completeness percentages for each field measured parameter by site.

Table 4-6 Completeness Percentage for Measured Parameters at Fixed Sonde Collection Sites

	Conductivity	% Complete	Dissolved Oxygen	% Complete	pH	% Complete	Temperature	% Complete	Turbidity	% Complete
Mass Emission (ME)										
Required	17,568	--	1,248	--	1,248	--	17,568	--	1,248	--
Required (adjusted)*	14,688	--					14,688	--		
Recorded	11,962	81%	7,168	574%	7,168	574%	11,962	81%	7,168	574%
Qualified	4,612	--	3,541	--	1,079	--	1,303	--	3,397	--
Usable	7,350	61%	3,627	51%	6,089	85%	10,659	89%	3,771	53%
Segment 1 (S1)										
Required	10,224	--	1,248	--	1,248	--	10,224	--	10,224	--
Recorded	11,747	115%	9,676	775%	11,747	941%	11,747	115%	11,747	115%
Qualified	3,906	--	5,592	--	4	--	1	--	5,964	--
Usable	7,841	67%	4,084	42%	11,743	100%	11,746	100%	5,783	49%
Segment 2 (S2)										
Required	10,224	--	1,248	--	1,248	--	10,224	--	10,224	--
Recorded	8,738	85%	8,738	700%	8,738	700%	8,738	85%	8,738	85%
Qualified	3,968	--	4,390	--	5	--	50	--	2,184	--
Usable	4,770	55%	4,348	50%	8,733	99%	8,688	99%	6,554	75%

* ME site had no flow from August 15, 2008 to September 30, 2008; Expected required records reduced to account for dry period.

Attachment 1
Data Evaluation of Continuous Data

Attachment 2
Field Logbook Documenting Calibration Activity

Attachment 3
Sonde Manufacturer Specifications

Santa Margarita Lagoon WQ Data Review (Inception to May 2008)

General Comments

There are certainly some unusual data for these three sites with respect to normal freshwater systems. However, this is primarily due to the fact that the sites, particularly the lagoon sites, are strongly influenced by the ocean tides.

In general, the majority of the data appear to be valid, or at least potentially valid. In other words, without any site-specific knowledge of the sites, I would be reluctant to declare these data invalid. There were, however, certain data points, and periods of sampling, that appeared to be clearly anomalous. These are indicated with red circles in the attached spreadsheets, and describe further below.

Finally, in some cases, the data by themselves tell an interesting story about water quality dynamics in the lagoon.

Parameter-Specific Notes

Temperature

- No obvious invalid data;
- Generally characterized by large diurnal fluctuations and gradual mean daily temperature increase with season;
- Magnitude of diurnal cycles are large for a river, but not unrealistic for a shallow, unshaded system with large air temperature fluctuations;
- Temperature data is usually very reliable;
- Magnitude of diurnal fluctuations are somewhat erratic for Sites 1 and 2 but this is likely explained by tidal variations in depth.
- Final recommendation = keep all data.

pH

- Nearly all of these data look ok. A few outliers for Site 1 are noted and there was clearly a calibration issue at ME site (see graphs). However, these data are not critical to the water quality modeling.

Turbidity

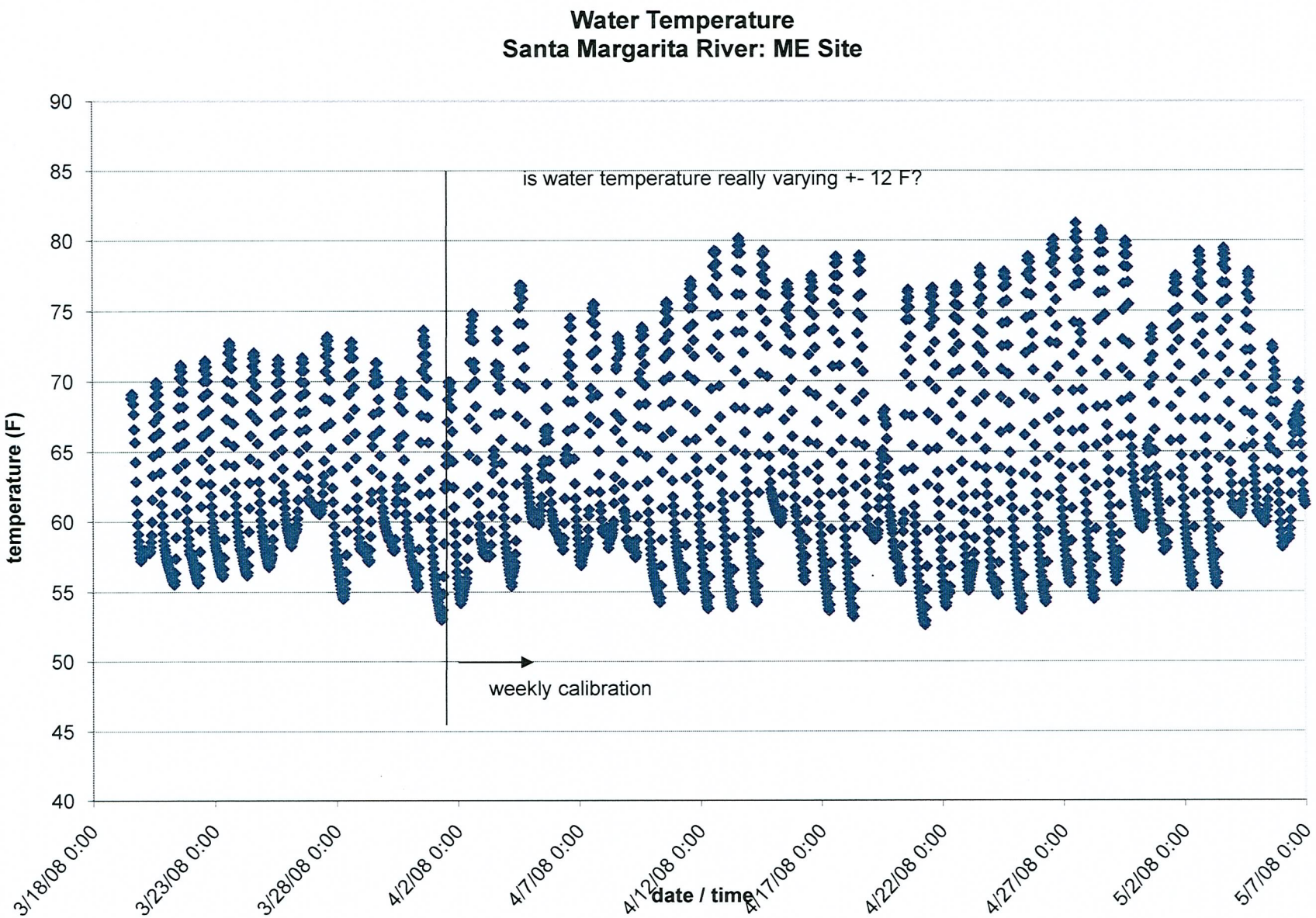
- Turbidity is a measure of suspended solids and therefore can fluctuate dramatically as a function of hydrology/hydrodynamics and local sediment disturbances;
- Many of the high turbidity values at ME Site and Site 1 appear to be anomalous (instrument error), but others could be valid;
- Clearly all negative values can be discarded;
- Any use of this data for water quality modeling will probably need to be coupled with flow data (which wasn't available to me) to make sure data make sense;
- Final recommendation = keep all "baseline" turbidity values (0 – 50 NTU), use high outliers with caution (coupled with flow data).

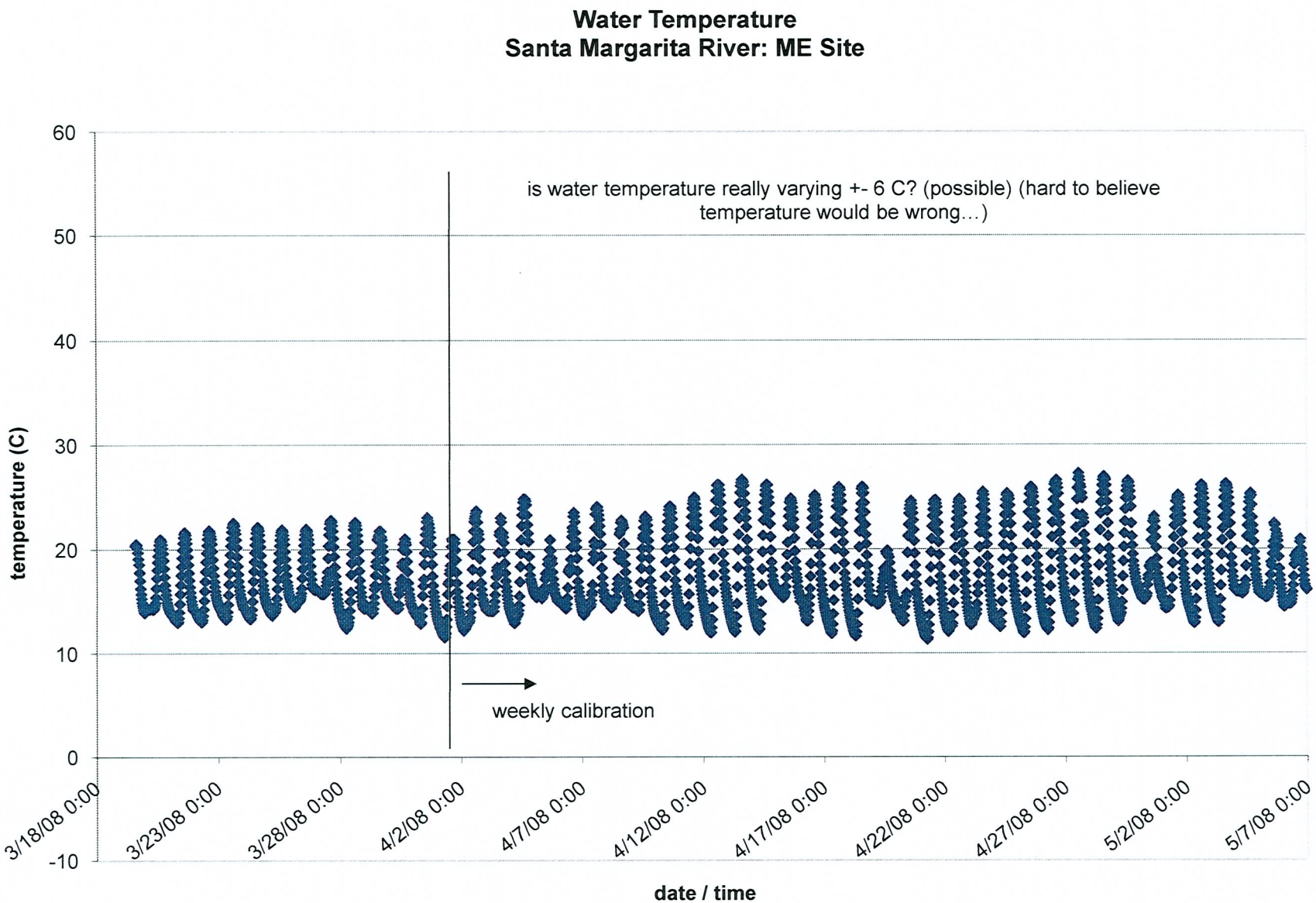
Conductivity

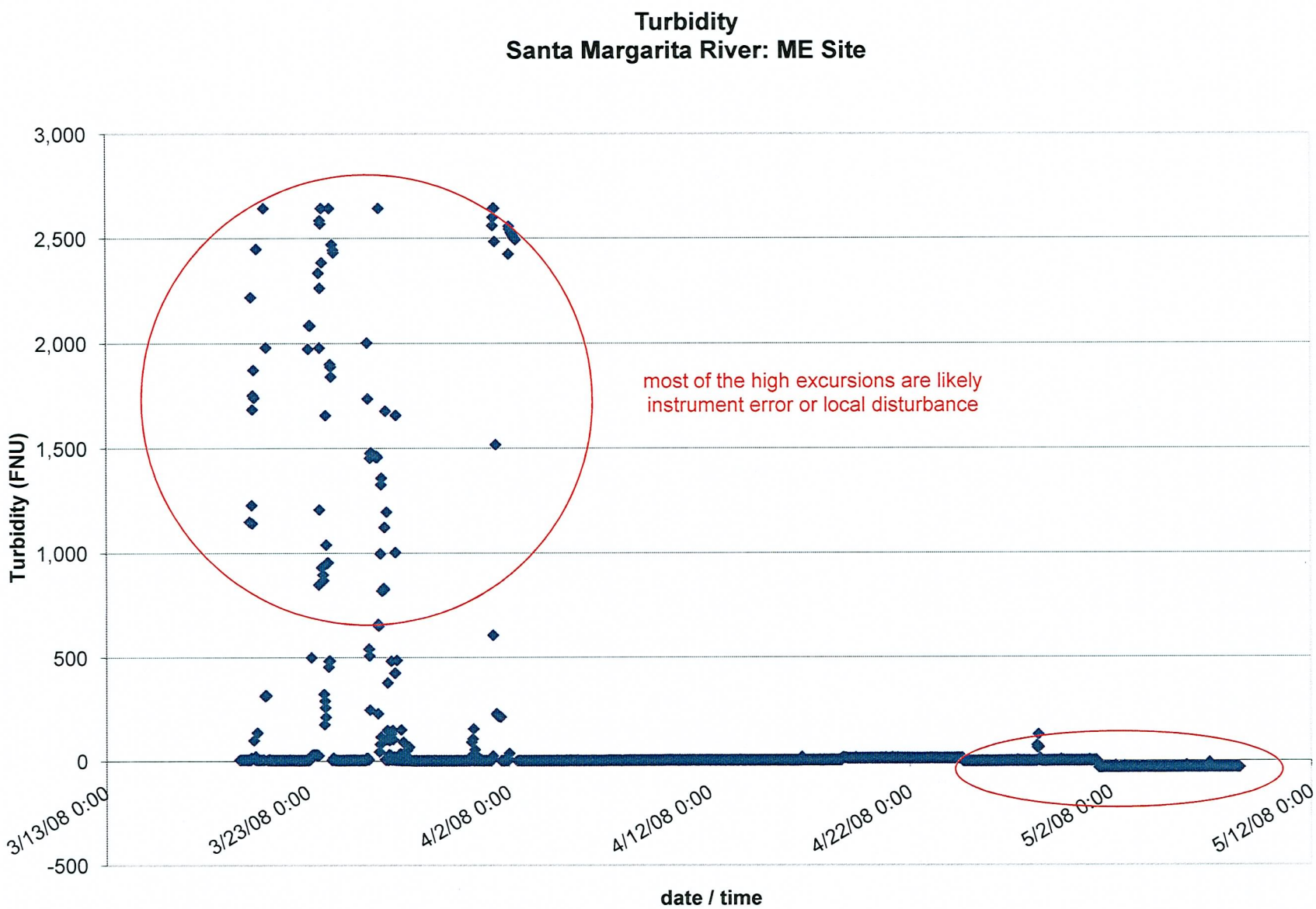
- For ME Site, most reliable data appears to be from approx. 4/4/08 onward (diurnal fluctuations in this data are plausible and would be due to large fluctuations in water temperature);
- ME Site data prior to this date should be used with caution;
- The large spike at ME Site on 1/18 – 1/21/08 is hard to explain. Or bad data?
- Sites 1 and 2 are clearly heavily impacted by tides. Cycles in EC values generally seem to follow the tides (salt water causing elevations in conductivities).

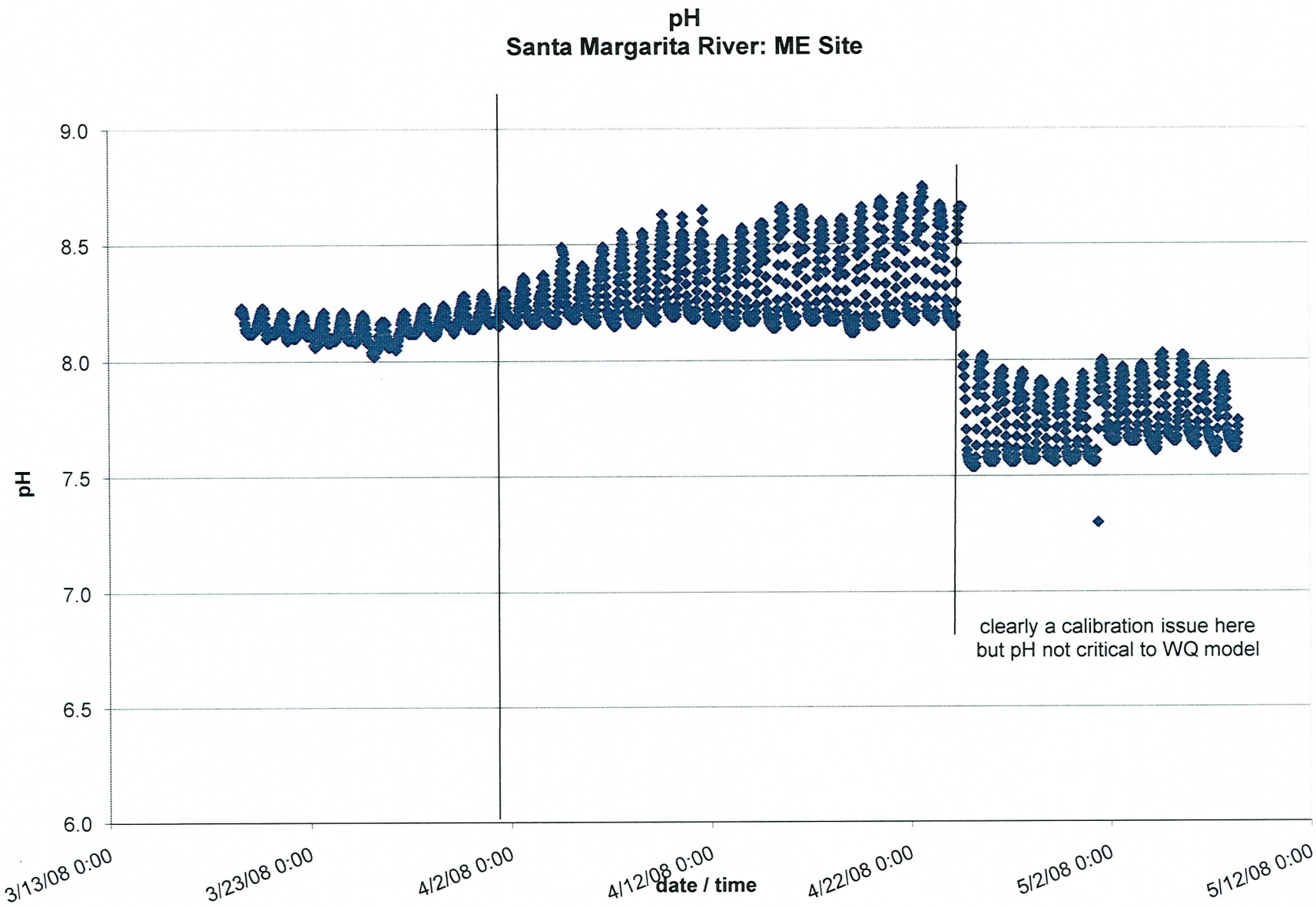
Dissolved Oxygen

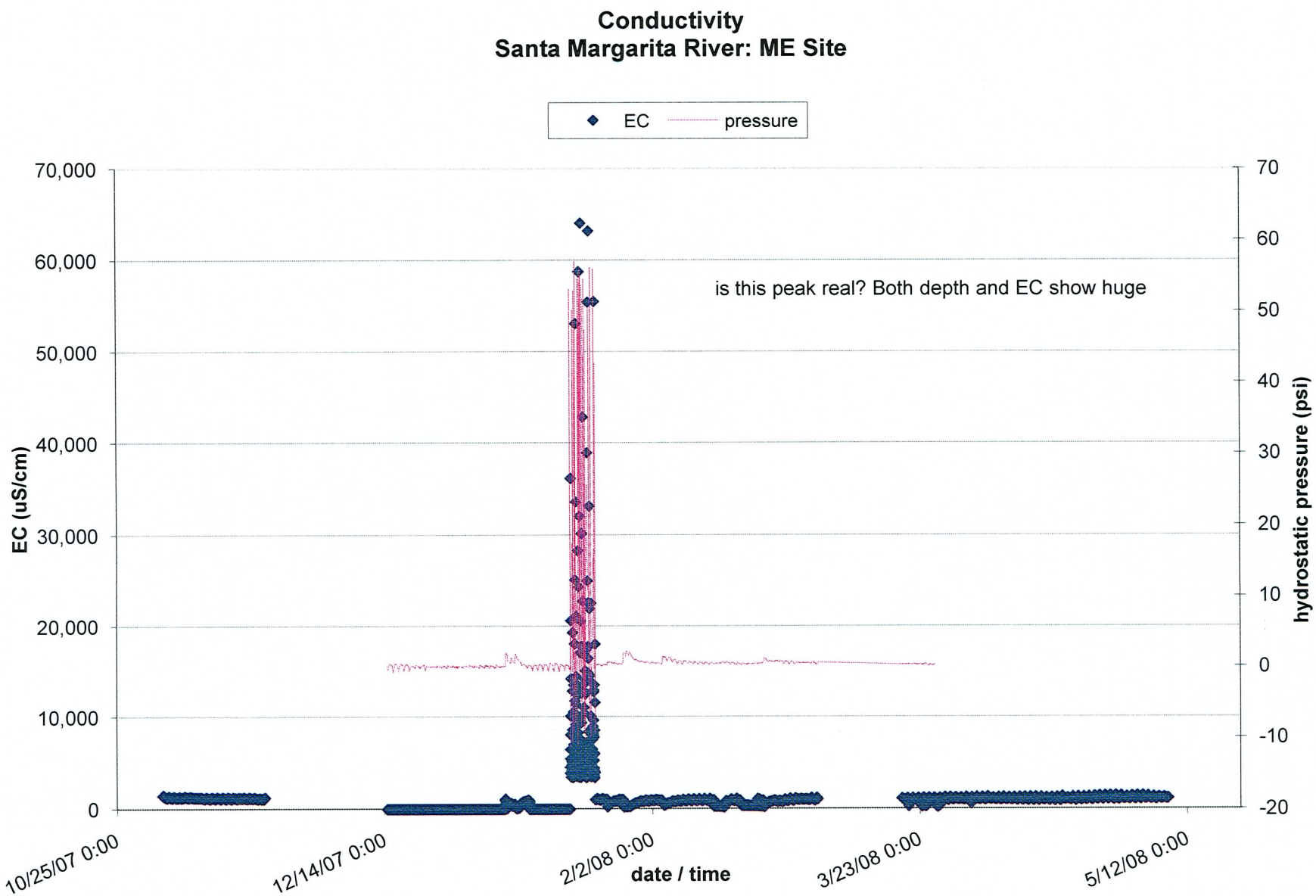
- Dissolved oxygen probes are generally prone to drift and need frequent calibration and membrane replacement;
- Given this, and from viewing the continuous data, it may be best to not put a lot of confidence in data measured prior to weekly calibration program (i.e. prior to early April). The "drift" that appears to be evident in the ME Site data prior to April 1.
- After this date, the data generally looks reliable for ME Site. There are some "super-saturated" values, but this is not uncommon – especially with prevalent biology (algae, macrophytes).
- Some independent calculations of DO saturation values (function of temperature and salinity) confirmed that the magnitudes of DO saturation measured by the probes are reasonable ("DO chart (3)"). From this figure, the actual DO profiles lag the saturation profiles by a few hours ("DO chart (4)"). This indicates that temperature is driving the diurnal swings at this site (more so, or at least as much as, the biology photosynthesis).
- For Site 2, the early February data should be discarded – looks invalid. There is also a week in mid/late April (around 18th – 24th) that should be discarded. These data are characterized by big spikes that do not follow the expected diurnal cycle.
- For Site 1, discard all DO data prior to 3/20. There are also a few outliers indicated with red circles and should be discarded.
- There are some very high DO values for both Sites 2 and 1, well above estimated saturation values. However, these are possible and are likely indicative of shallow depths and high biological productivity (are there bottom plants?).
- The fact that the high values at Sites 2 and 1 follow are sensible diurnal cycles (peak in late afternoon after a day of photosynthesis) lend credibility to these numbers.
- Also the fact that the approximately same magnitude and pattern of DO peaks are seen at both Sites (2 and 1), indicates valid data ("DO chart (3)" in Site 2.xls).
- Final recommendation = discard early measurements, as described above and confirm that the low tide depths are not dropping below the recommended minimum depths for the probes.

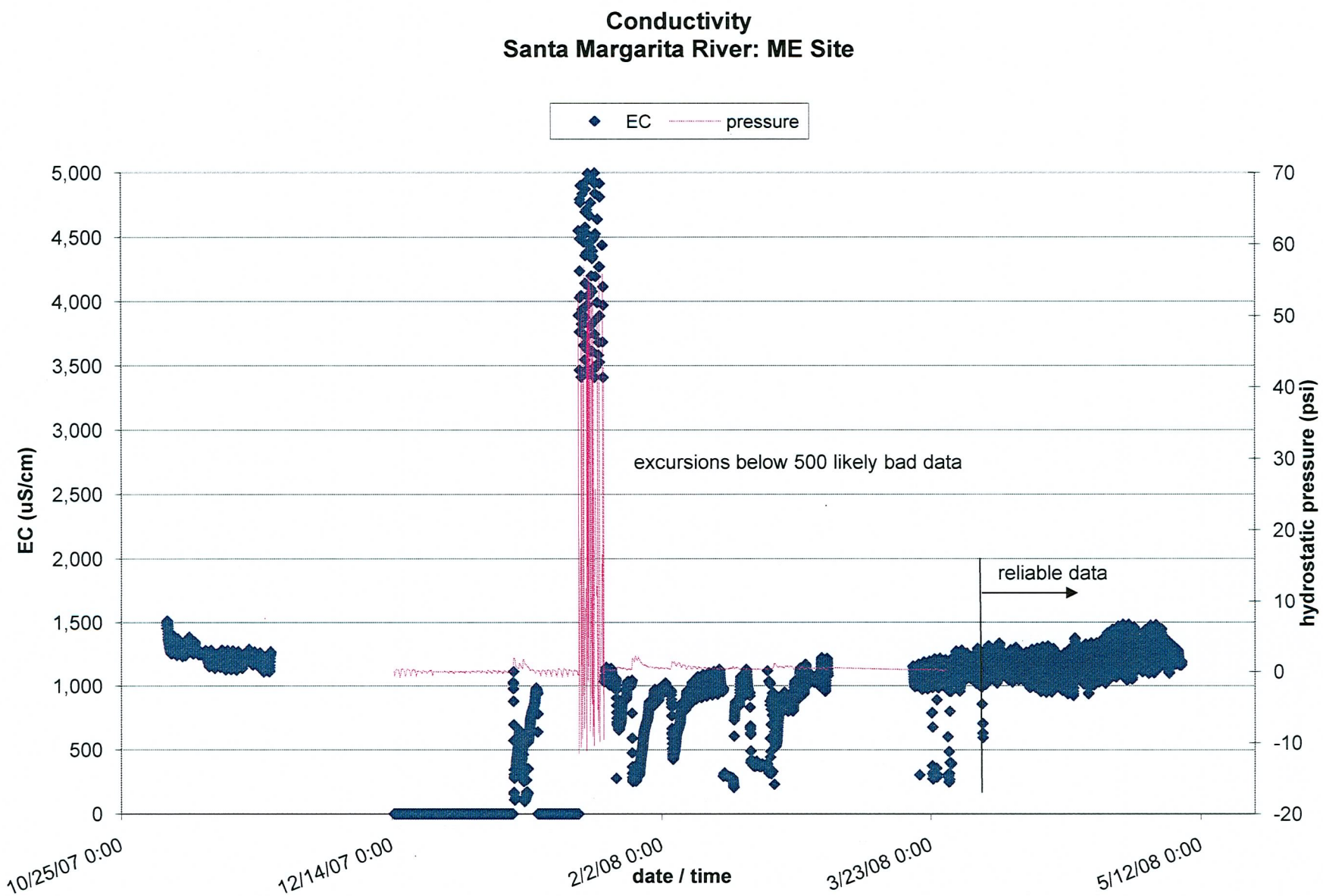

Water Temperature
Santa Margarita River: ME Site
is water temperature really varying +- 12 F?
weekly calibration
temperature (F)
90
85
80
75
70
65
60
55
50
45
40
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
date / time

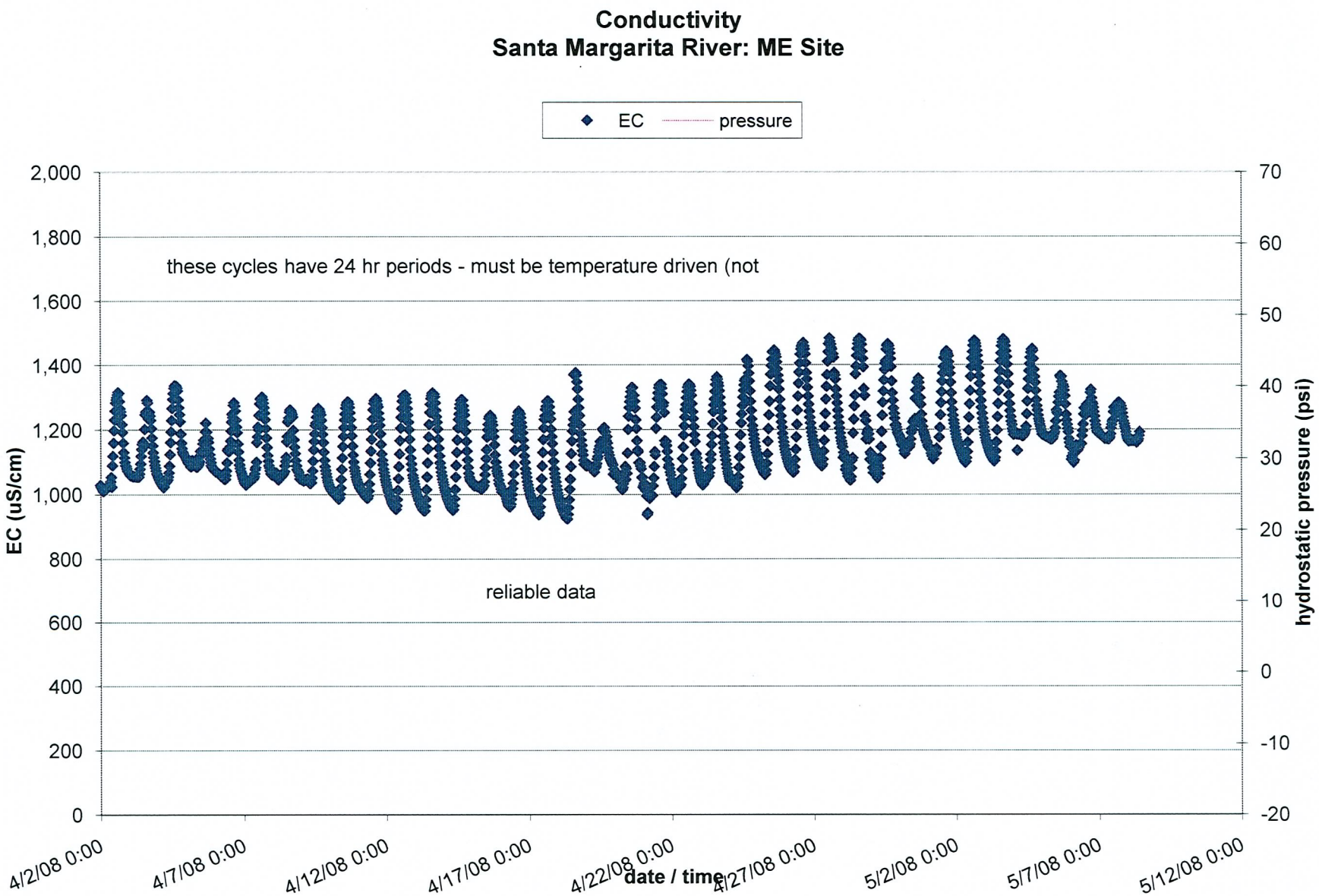

Water Temperature
Santa Margarita River: ME Site
is water temperature really varying +- 6 C? (possible) (hard to believe temperature would be wrong…)
weekly calibration
temperature (C)
60
50
40
30
20
10
0
-10
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
date / time

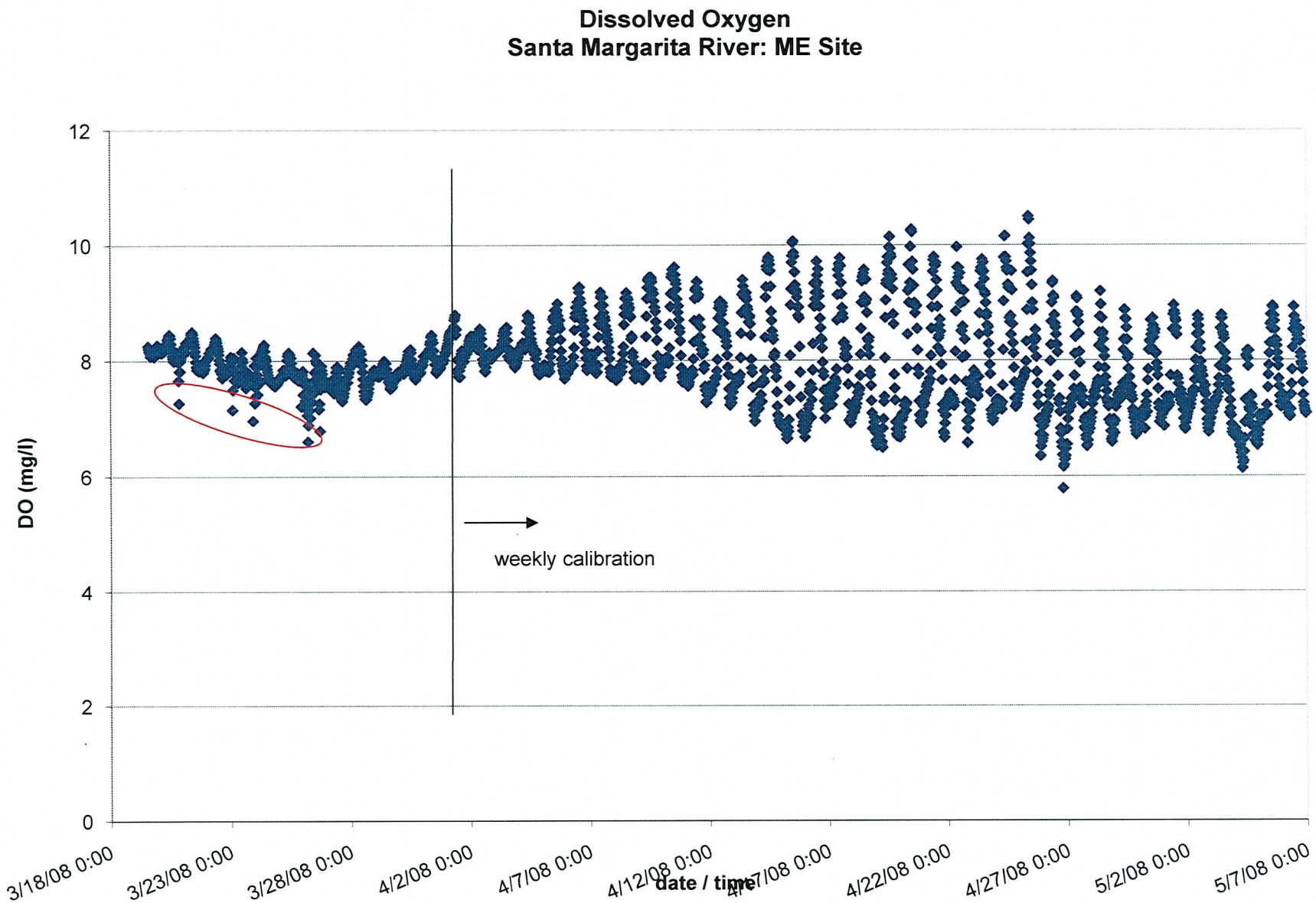

Turbidity
Santa Margarita River: ME Site
3,000
2,500
2,000
1,500
1,000
500
0
-500
Turbidity (FNU)
most of the high excursions are likely
instrument error or local disturbance
3/13/08 0:00
3/23/08 0:00
4/2/08 0:00
4/12/08 0:00
4/22/08 0:00
5/2/08 0:00
5/12/08 0:00
date / time

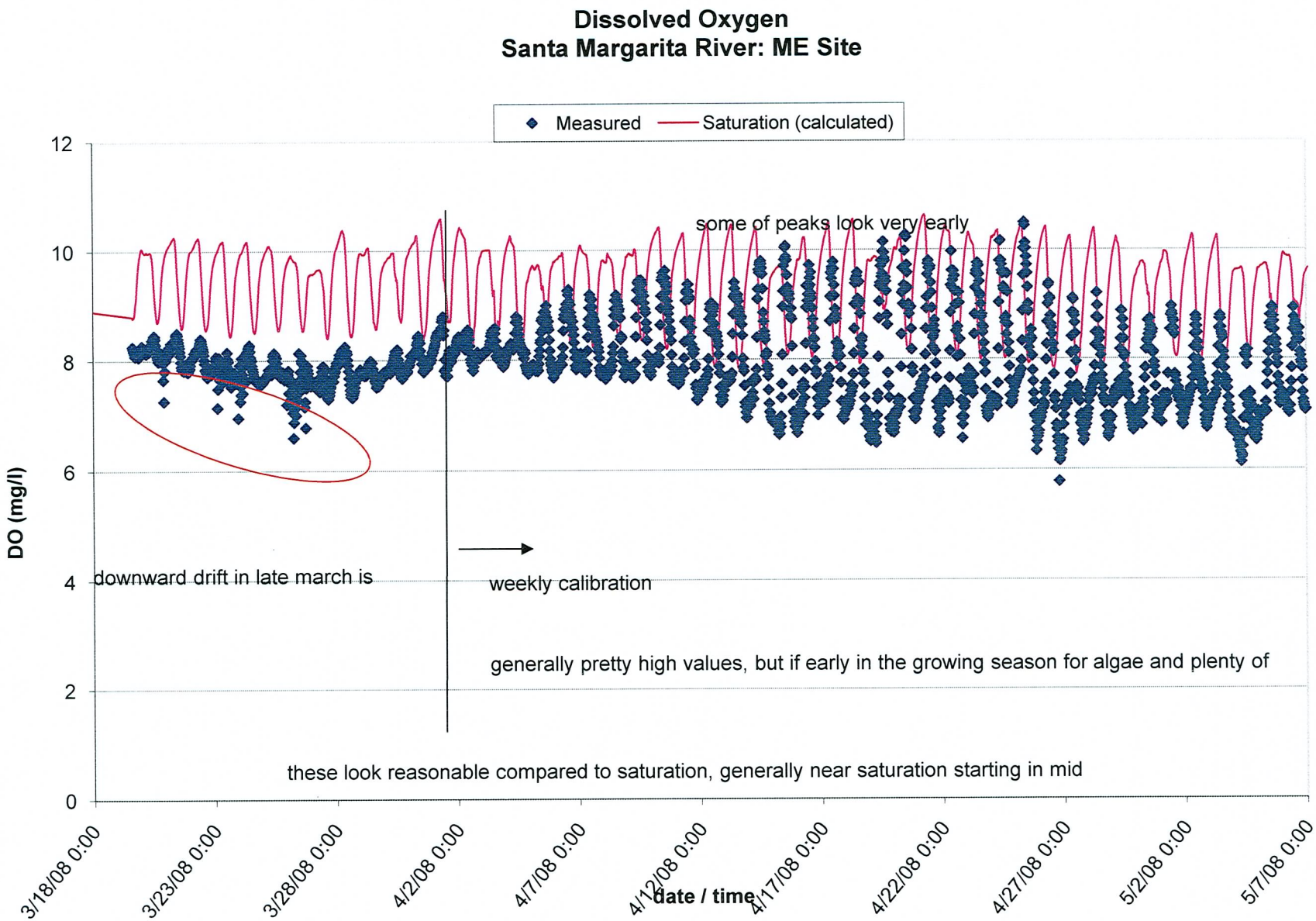

pH
Santa Margarita River: ME Site
9.0
8.5
8.0
7.5
7.0
6.5
6.0
pH
clearly a calibration issue here
but pH not critical to WQ model
3/13/08 0:00
3/23/08 0:00
4/2/08 0:00
4/12/08 0:00
4/22/08 0:00
5/2/08 0:00
5/12/08 0:00
date / time

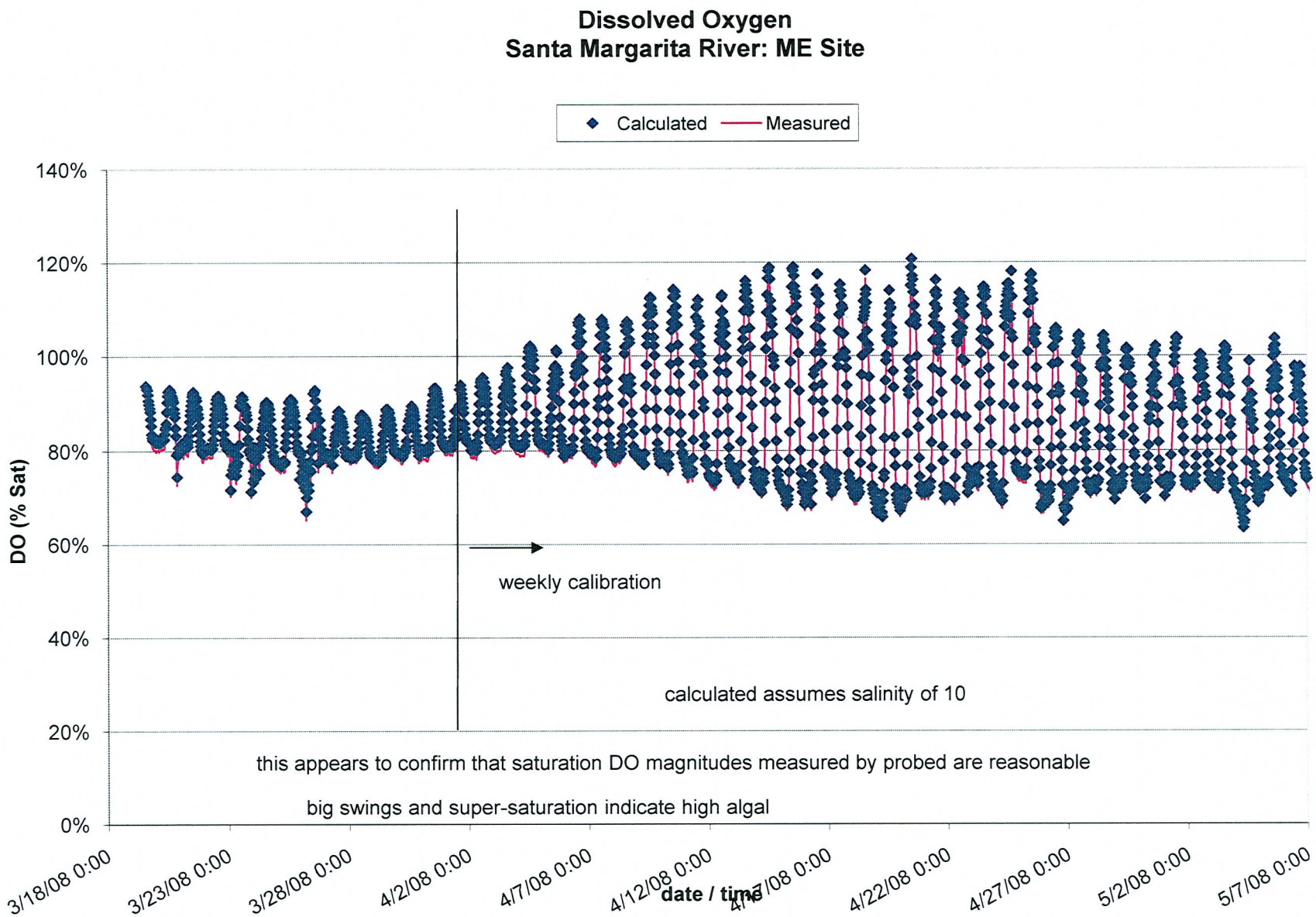

Conductivity
Santa Margarita River: ME Site
EC
pressure
is this peak real? Both depth and EC show huge
EC (uS/cm)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
hydrostatic pressure (psi)
70
60
50
40
30
20
10
0
-10
-20
10/25/07 0:00
12/14/07 0:00
2/2/08 0:00
3/23/08 0:00
5/12/08 0:00
date / time

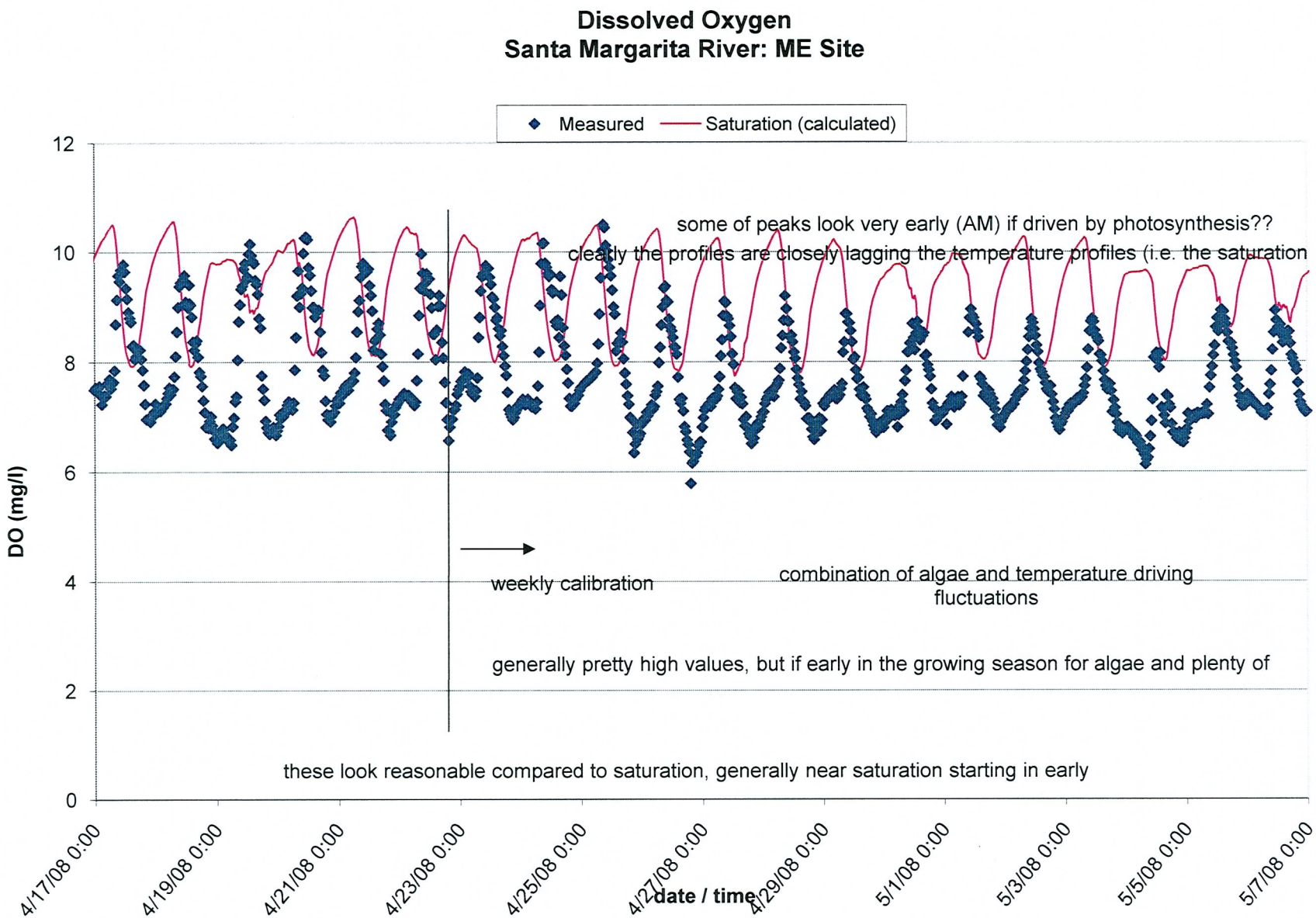

Conductivity
Santa Margarita River: ME Site
EC
pressure
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
EC (uS/cm)
70
60
50
40
30
20
10
0
-10
-20
hydrostatic pressure (psi)
excursions below 500 likely bad data
reliable data
10/25/07 0:00
12/14/07 0:00
2/2/08 0:00
3/23/08 0:00
5/12/08 0:00
date / time

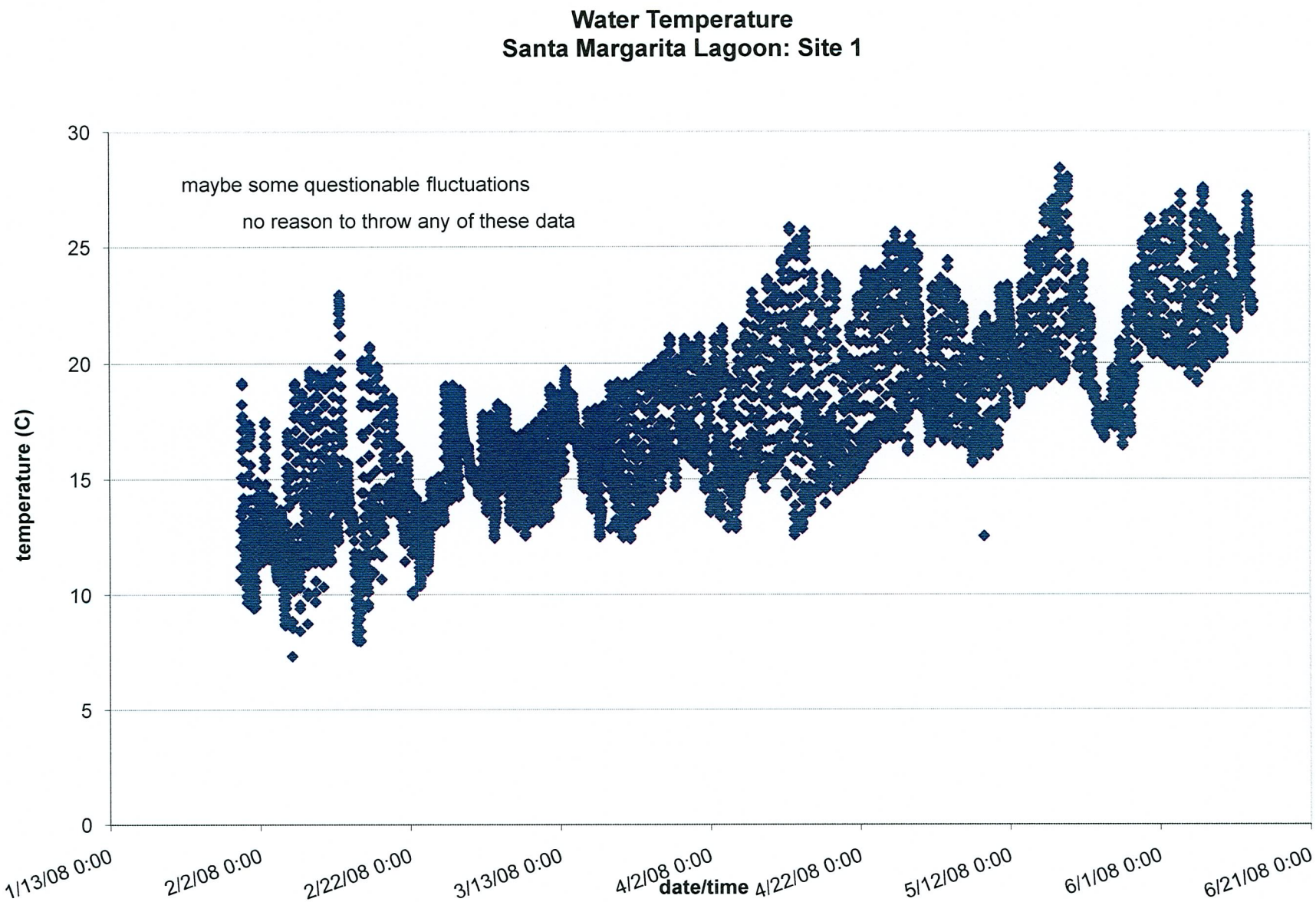

Conductivity
Santa Margarita River: ME Site
EC
pressure
these cycles have 24 hr periods - must be temperature driven (not
reliable data
EC (uS/cm)
hydrostatic pressure (psi)
date / time
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
70
60
50
40
30
20
10
0
-10
-20
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
5/12/08 0:00

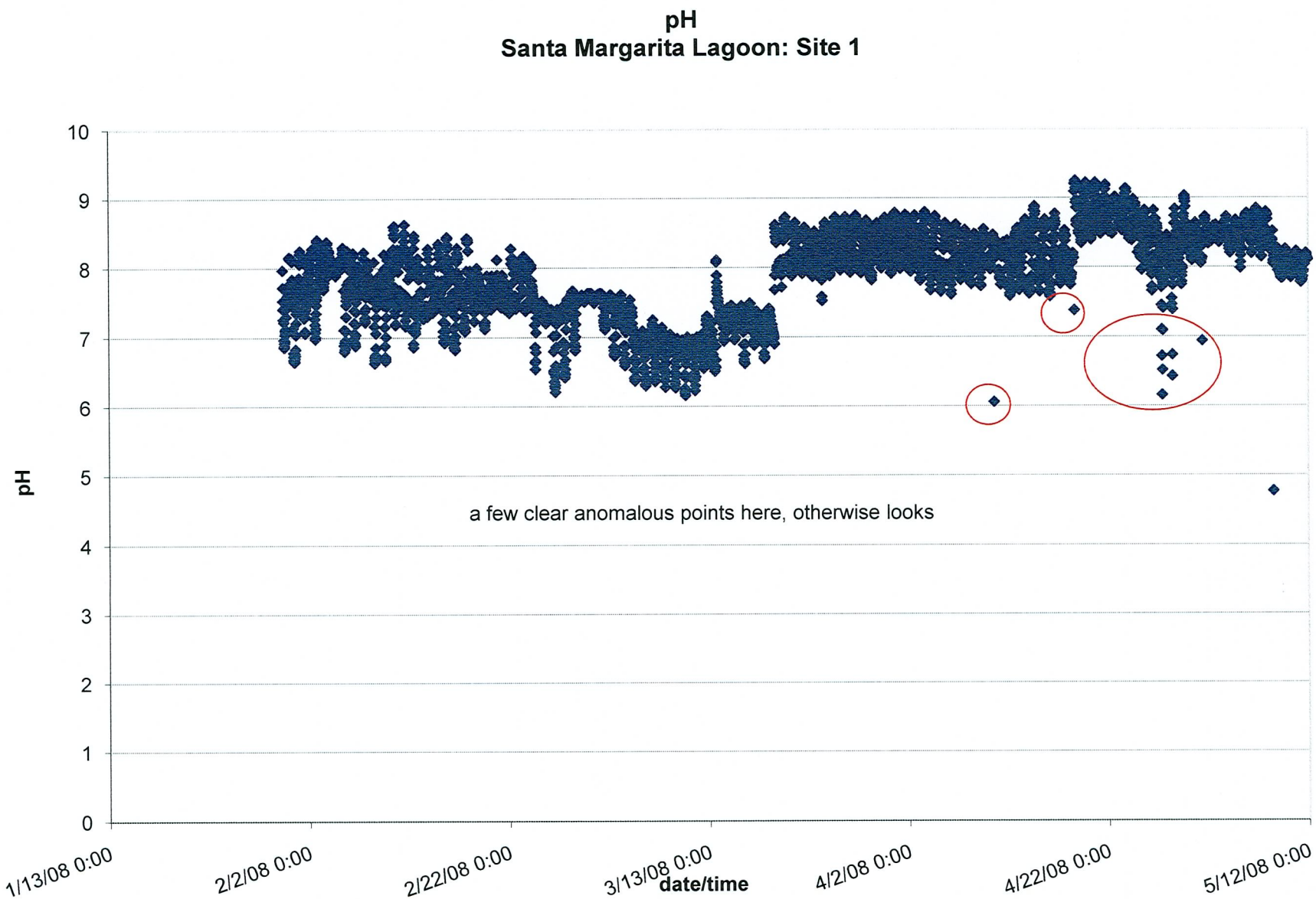

Dissolved Oxygen
Santa Margarita River: ME Site
DO (mg/l)
12
10
8
6
4
2
0
weekly calibration
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
date / time

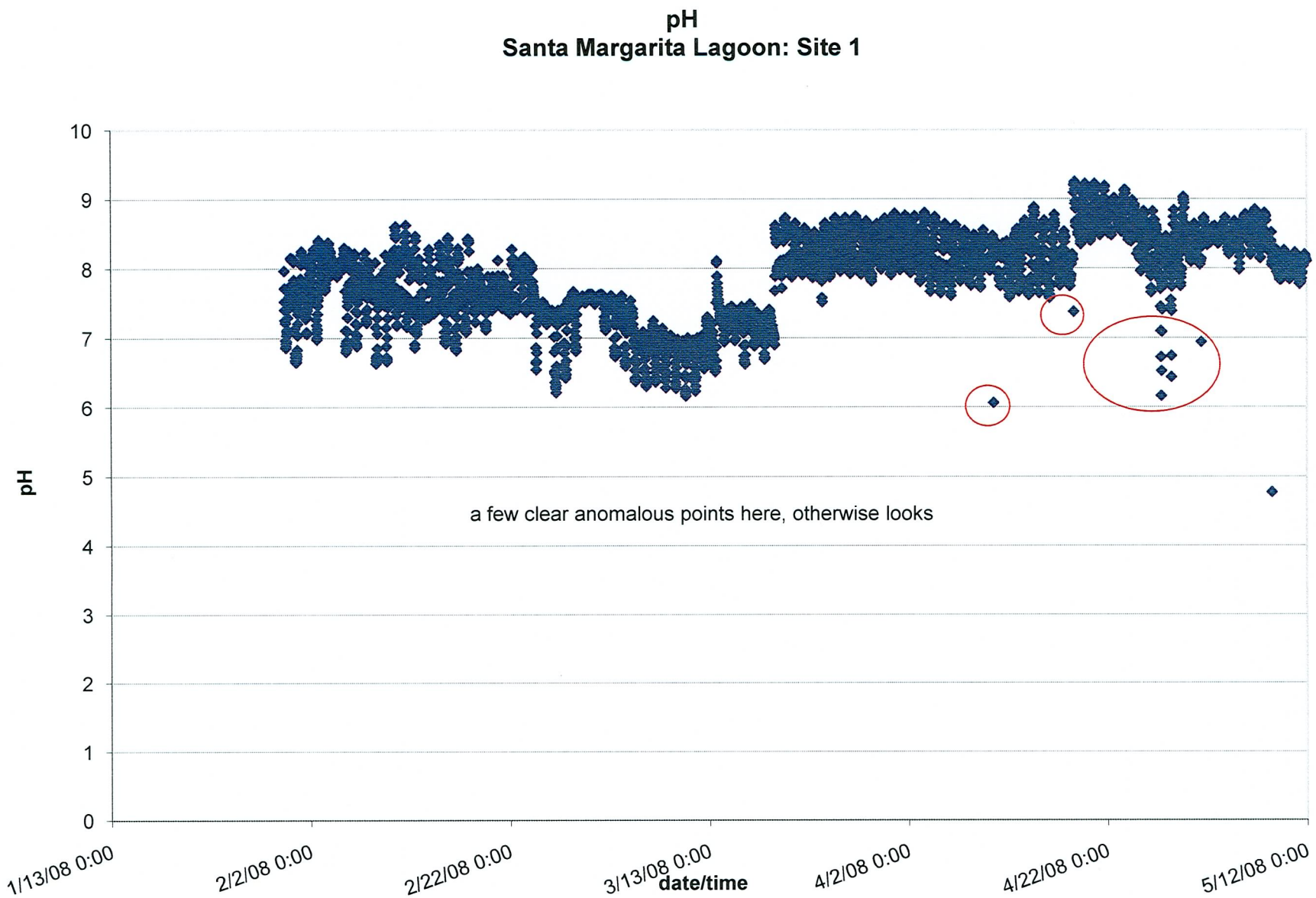

Dissolved Oxygen
Santa Margarita River: ME Site
Measured
Saturation (calculated)
DO (mg/l)
12
10
8
6
4
2
0
some of peaks look very early
downward drift in late march is
weekly calibration
generally pretty high values, but if early in the growing season for algae and plenty of
these look reasonable compared to saturation, generally near saturation starting in mid
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
date / time

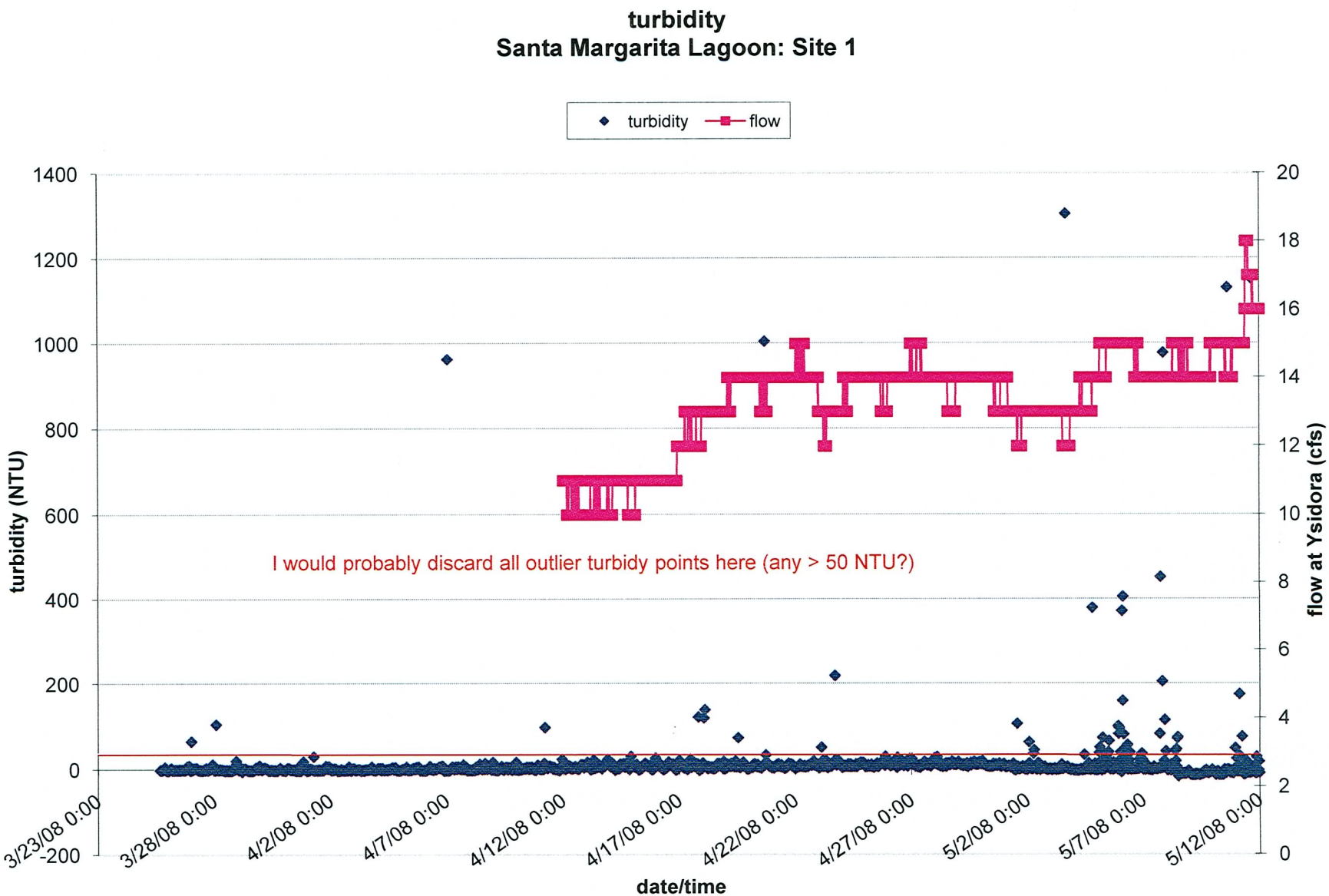

Dissolved Oxygen
Santa Margarita River: ME Site
Calculated
Measured
140%
120%
100%
80%
60%
40%
20%
0%
DO (% Sat)
weekly calibration
calculated assumes salinity of 10
this appears to confirm that saturation DO magnitudes measured by probed are reasonable
big swings and super-saturation indicate high algal
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
date / time


Dissolved Oxygen
Santa Margarita River: ME Site
Measured
Saturation (calculated)
DO (mg/l)
12
10
8
6
4
2
0
some of peaks look very early (AM) if driven by photosynthesis??
clearly the profiles are closely lagging the temperature profiles (i.e. the saturation
weekly calibration
combination of algae and temperature driving fluctuations
generally pretty high values, but if early in the growing season for algae and plenty of
these look reasonable compared to saturation, generally near saturation starting in early
4/17/08 0:00
4/19/08 0:00
4/21/08 0:00
4/23/08 0:00
4/25/08 0:00
4/27/08 0:00
4/29/08 0:00
5/1/08 0:00
5/3/08 0:00
5/5/08 0:00
5/7/08 0:00
date / time

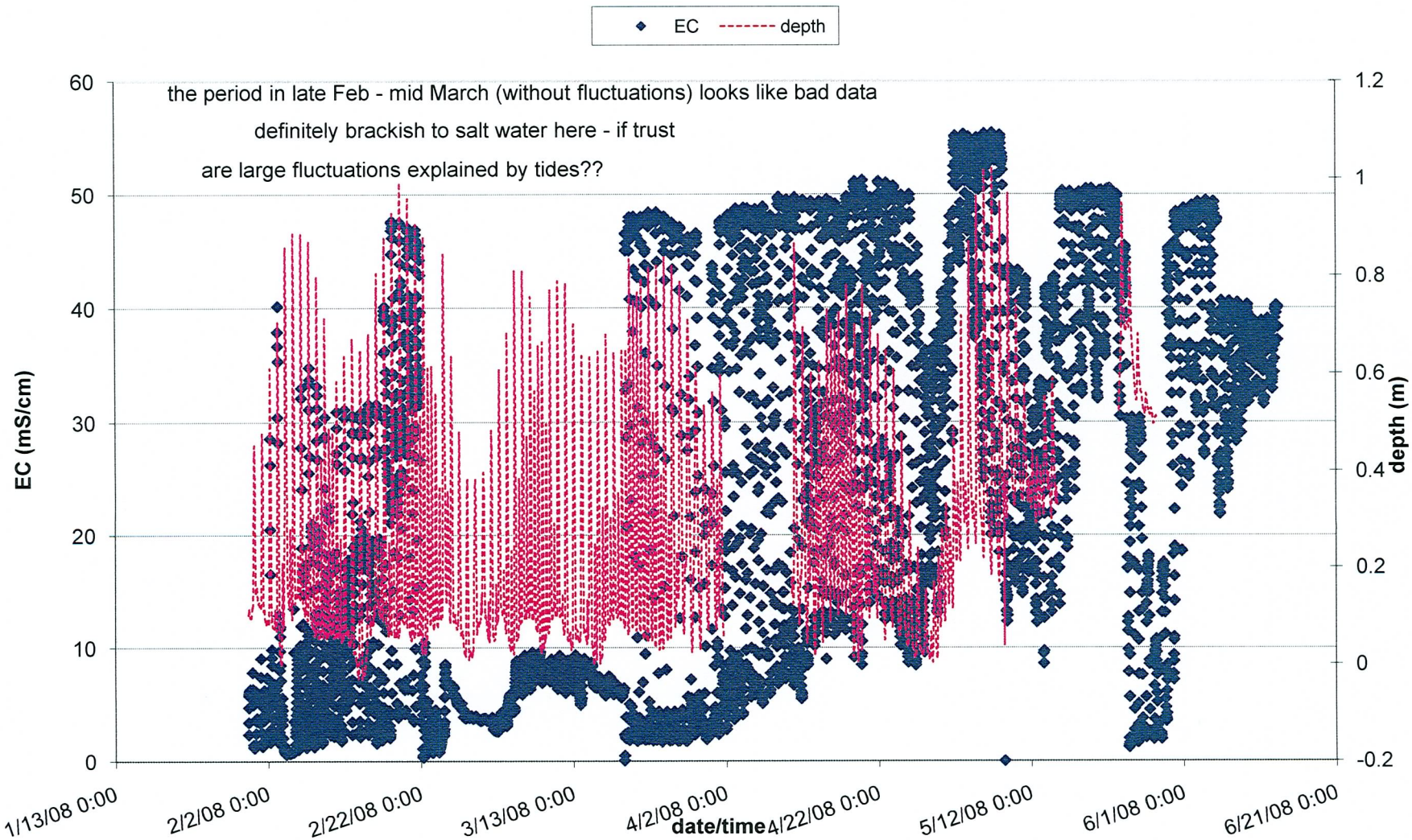

Water Temperature
Santa Margarita Lagoon: Site 1
maybe some questionable fluctuations
no reason to throw any of these data
temperature (C)
30
25
20
15
10
5
0
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
6/1/08 0:00
6/21/08 0:00
date/time

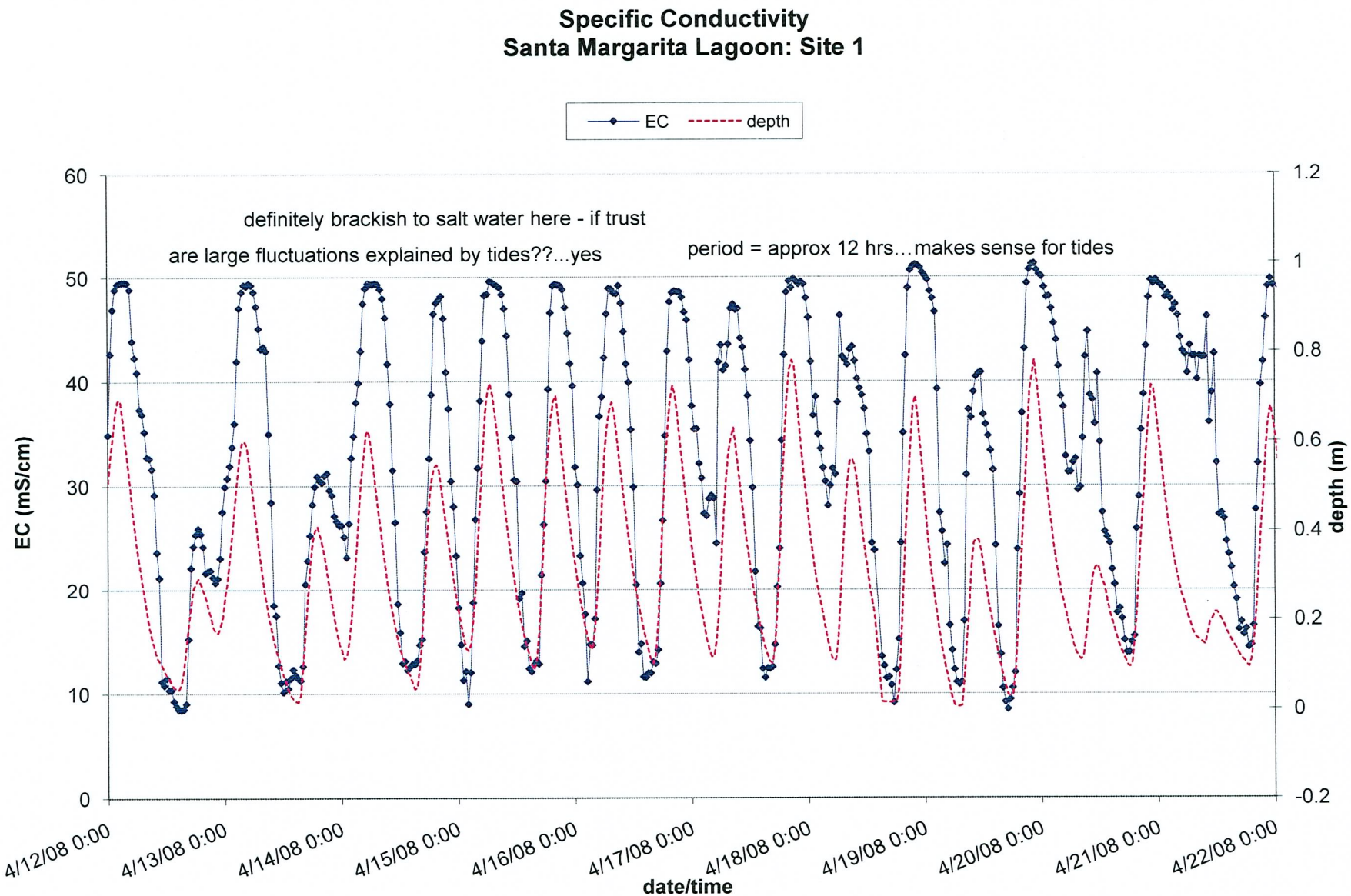

pH
Santa Margarita Lagoon: Site 1
10
9
8
7
6
5
4
3
2
1
0
pH
a few clear anomalous points here, otherwise looks
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
date/time

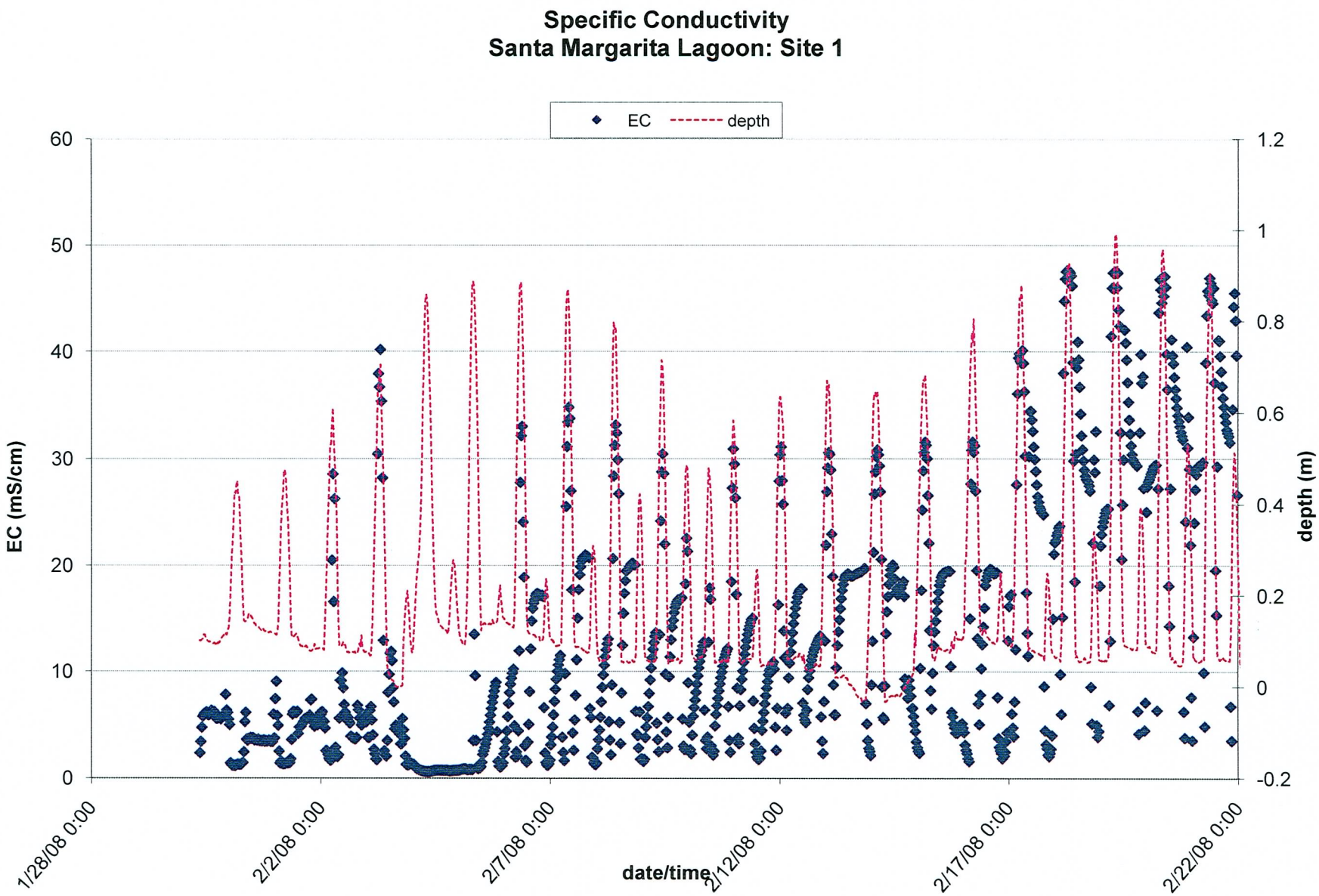

pH
Santa Margarita Lagoon: Site 1
10
9
8
7
6
5
4
3
2
1
0
pH
a few clear anomalous points here, otherwise looks
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
date/time

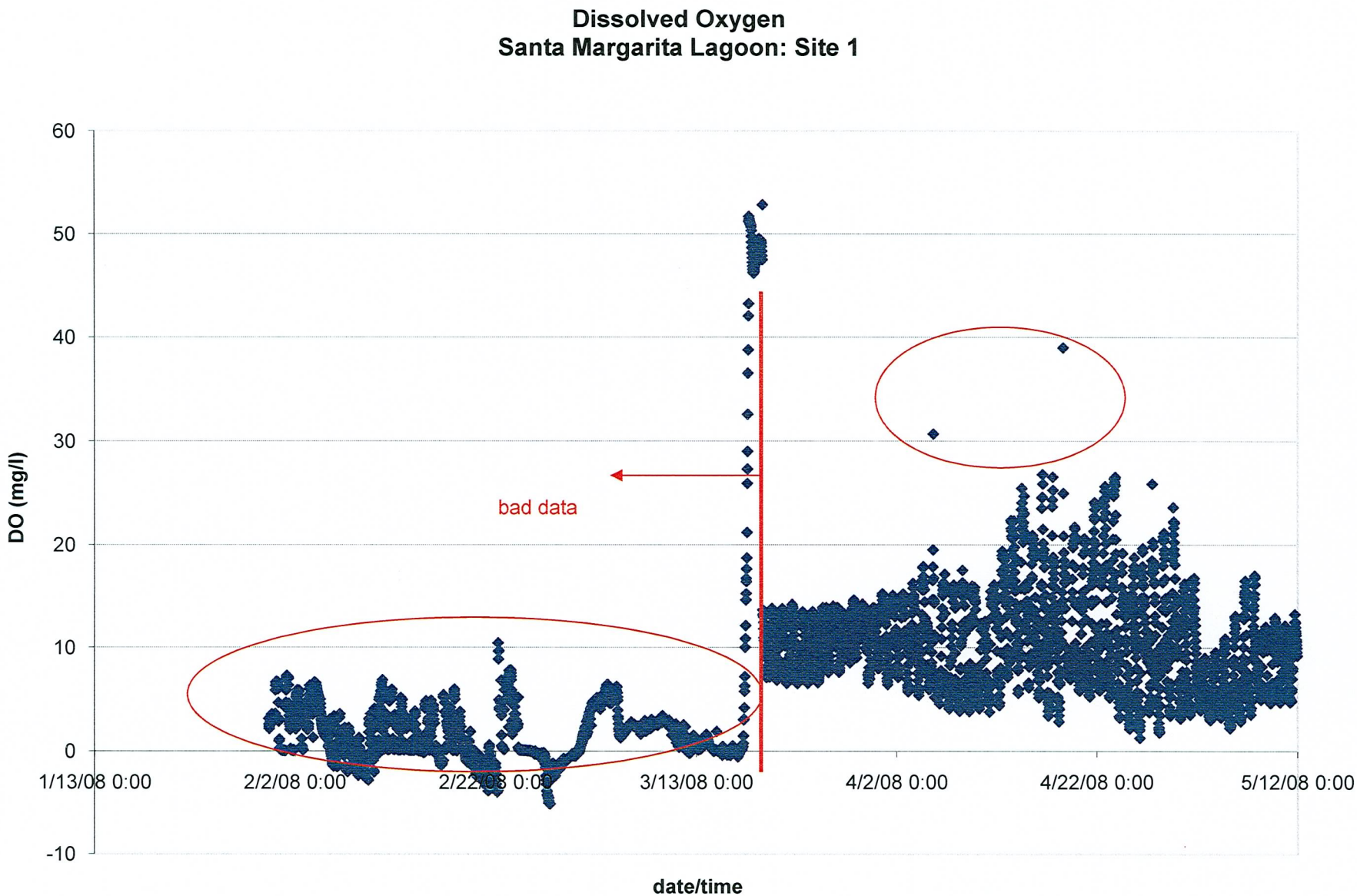

turbidity
Santa Margarita Lagoon: Site 1
turbidity
flow
1400
1200
1000
800
600
400
200
0
-200
turbidity (NTU)
20
18
16
14
12
10
8
6
4
2
0
flow at Ysidora (cfs)
I would probably discard all outlier turbidy points here (any > 50 NTU?)
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00
5/12/08 0:00
date/time

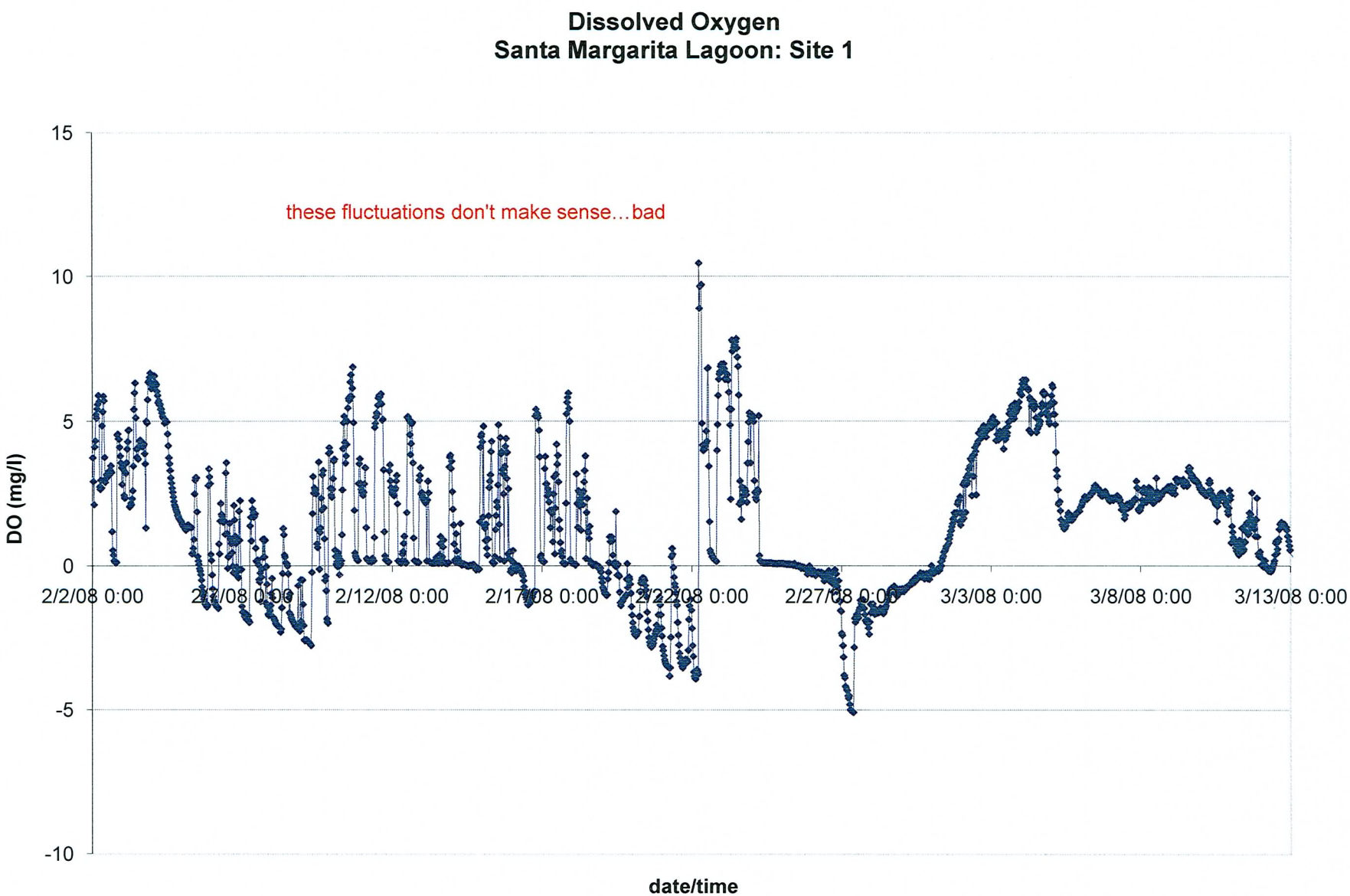
Specific Conductivity
Santa Margarita Lagoon: Site 1

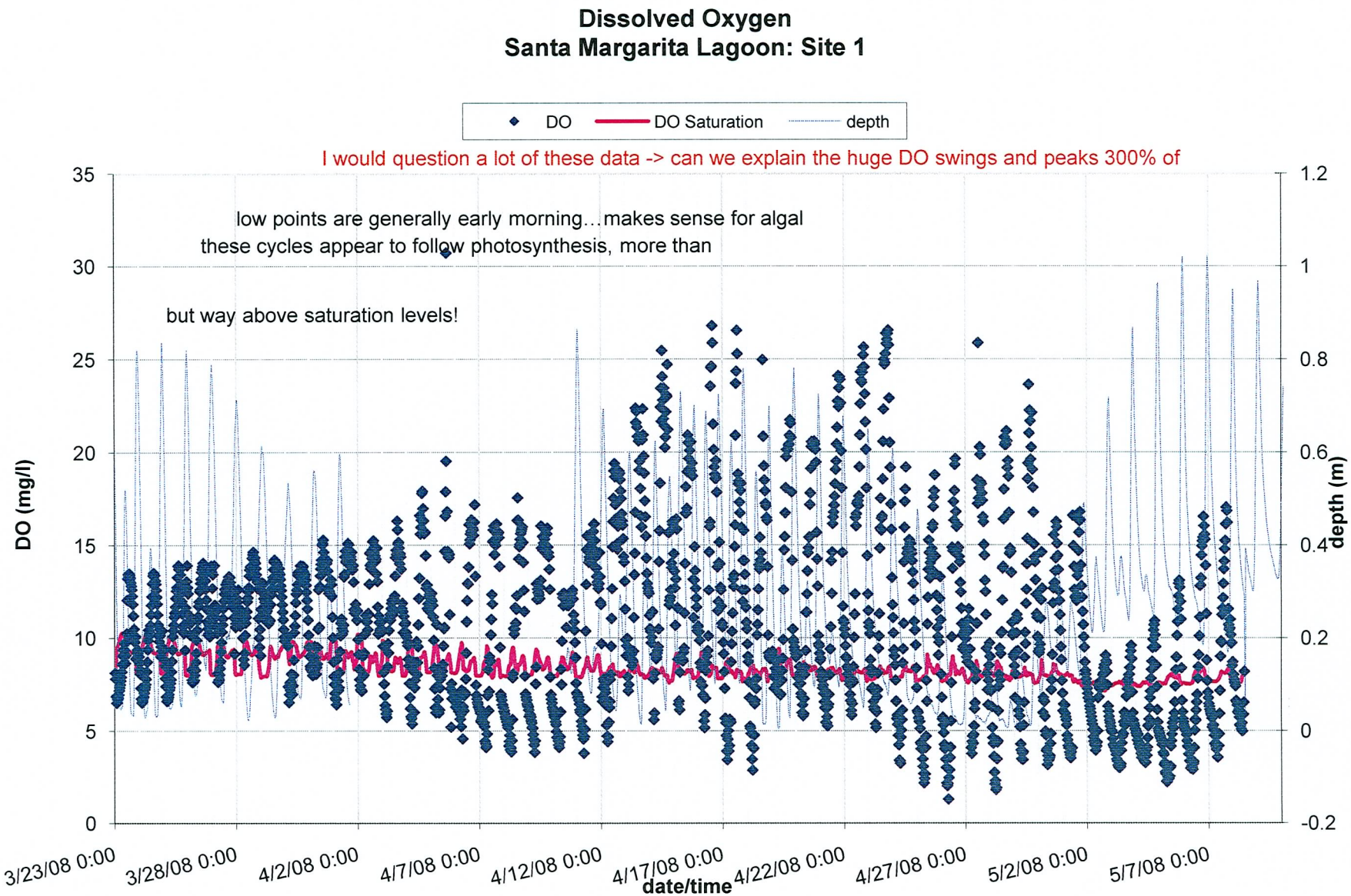


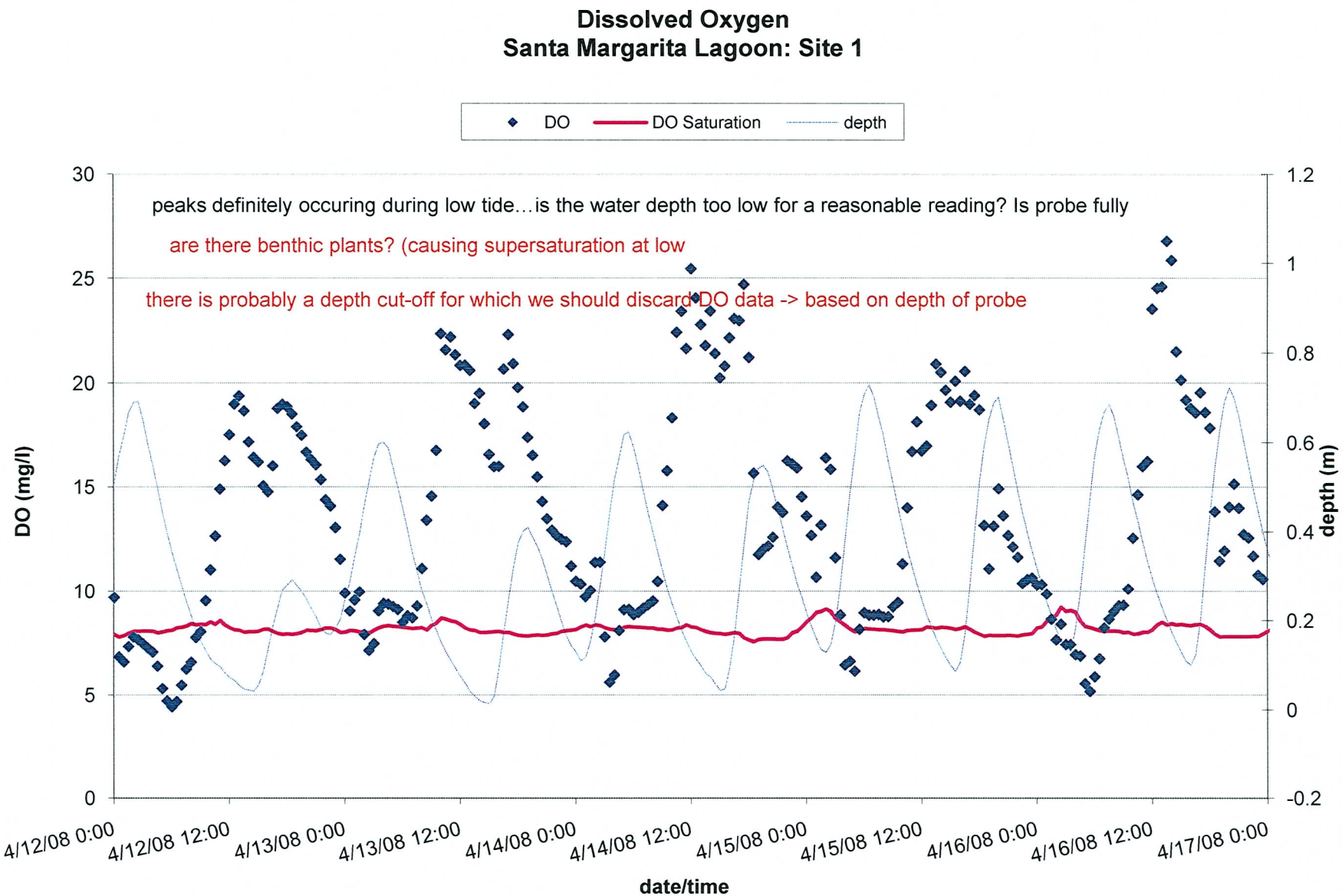

Specific Conductivity
Santa Margarita Lagoon: Site 1
EC
depth
definitely brackish to salt water here - if trust
are large fluctuations explained by tides??...yes
period = approx 12 hrs...makes sense for tides
EC (mS/cm)
depth (m)
date/time
60
50
40
30
20
10
0
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
4/12/08 0:00
4/13/08 0:00
4/14/08 0:00
4/15/08 0:00
4/16/08 0:00
4/17/08 0:00
4/18/08 0:00
4/19/08 0:00
4/20/08 0:00
4/21/08 0:00
4/22/08 0:00

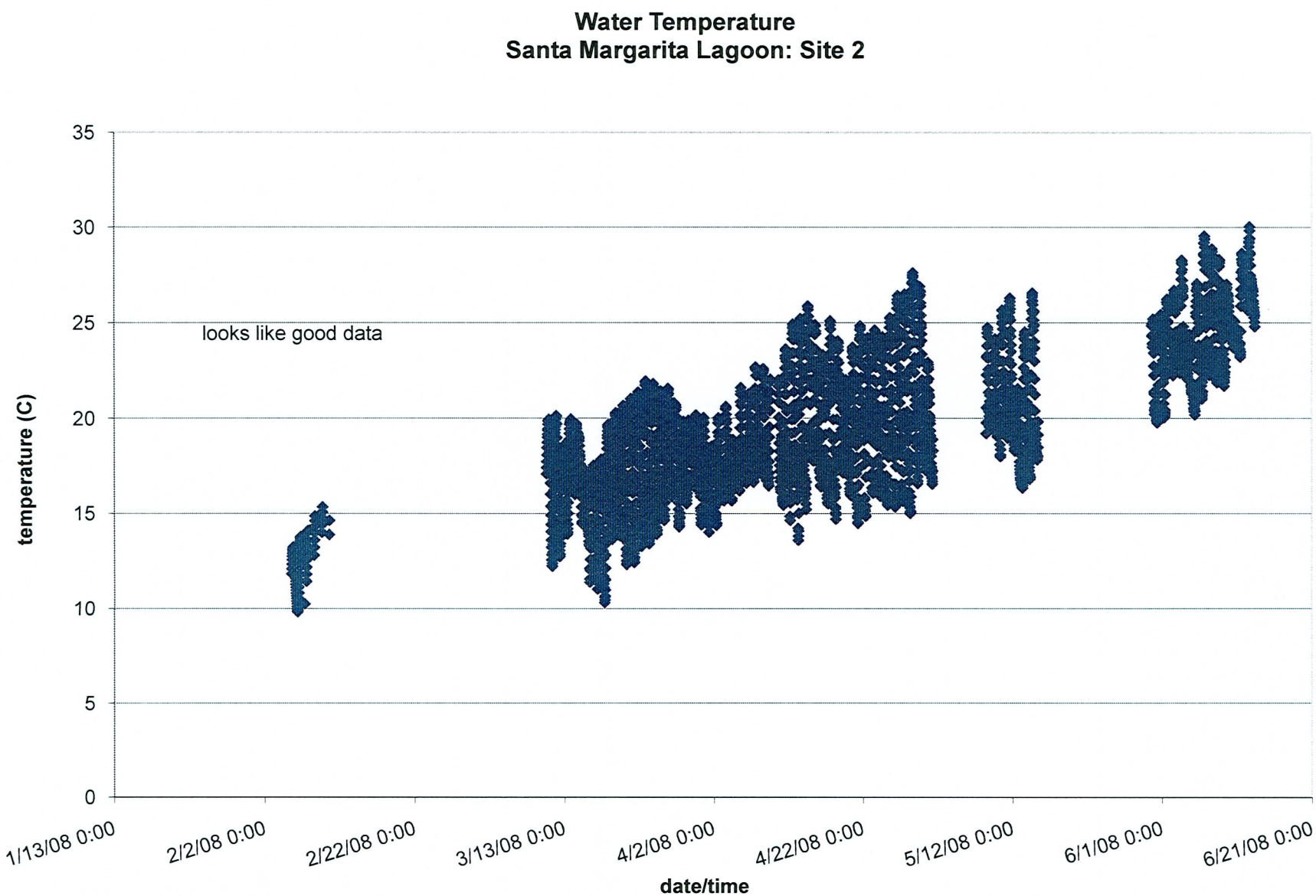

Specific Conductivity
Santa Margarita Lagoon: Site 1
EC
depth
EC (mS/cm)
depth (m)
date/time
60
50
40
30
20
10
0
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
1/28/08 0:00
2/2/08 0:00
2/7/08 0:00
2/12/08 0:00
2/17/08 0:00
2/22/08 0:00

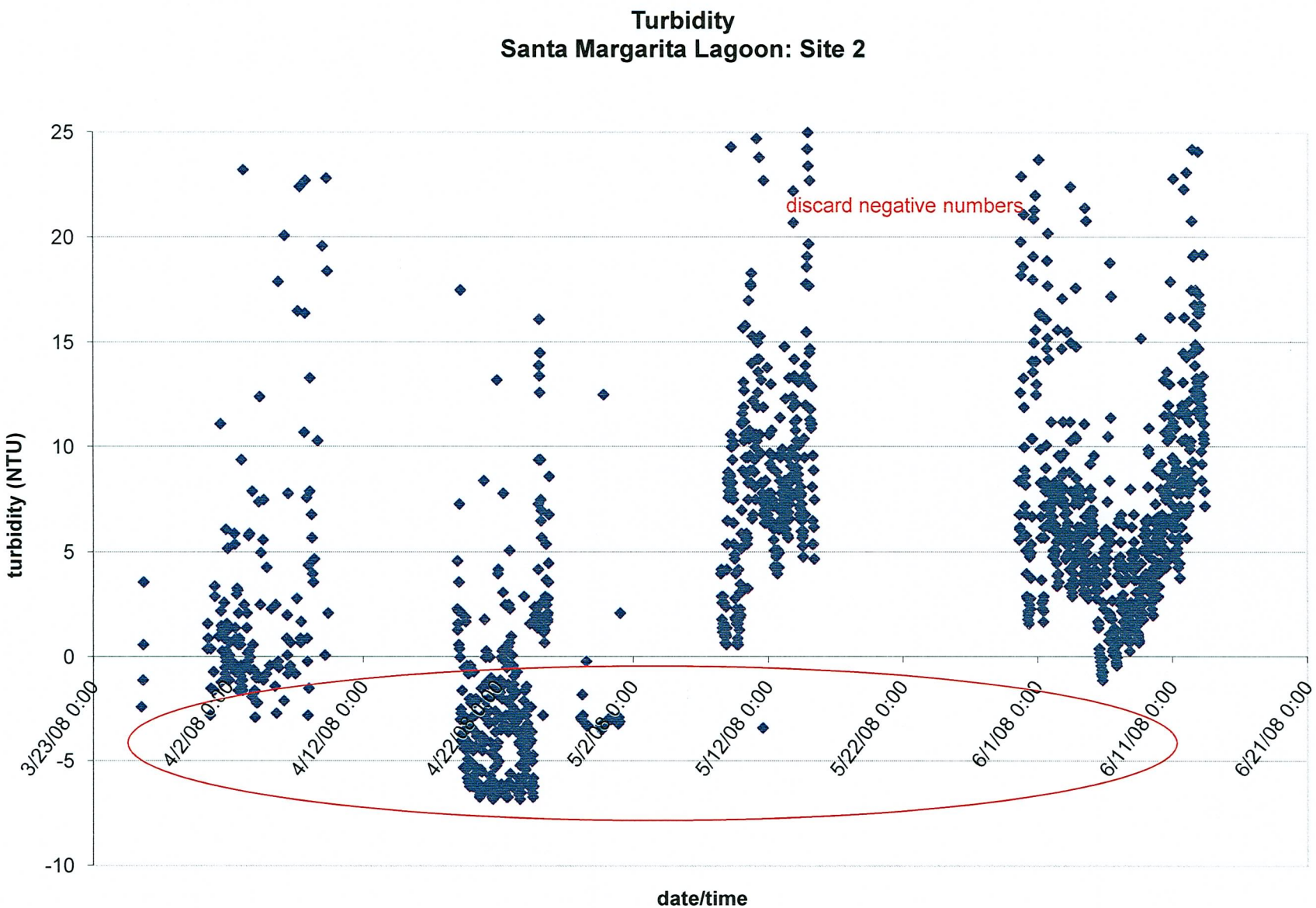

Dissolved Oxygen
Santa Margarita Lagoon: Site 1
DO (mg/l)
60
50
40
30
20
10
0
-10
bad data
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
date/time

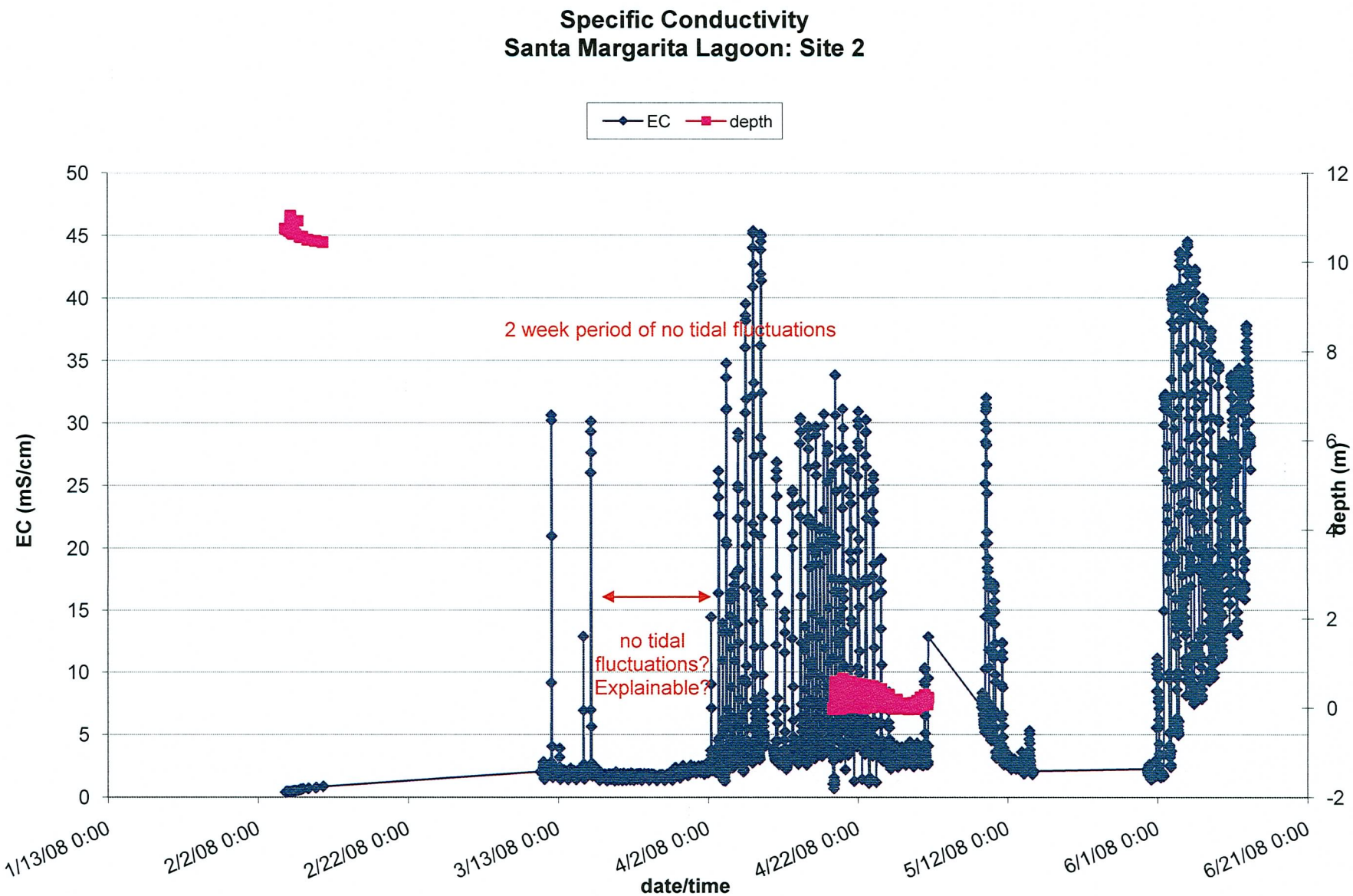

Dissolved Oxygen
Santa Margarita Lagoon: Site 1
these fluctuations don't make sense…bad
15
10
5
0
-5
-10
DO (mg/l)
2/2/08 0:00
2/7/08 0:00
2/12/08 0:00
2/17/08 0:00
2/22/08 0:00
2/27/08 0:00
3/3/08 0:00
3/8/08 0:00
3/13/08 0:00
date/time

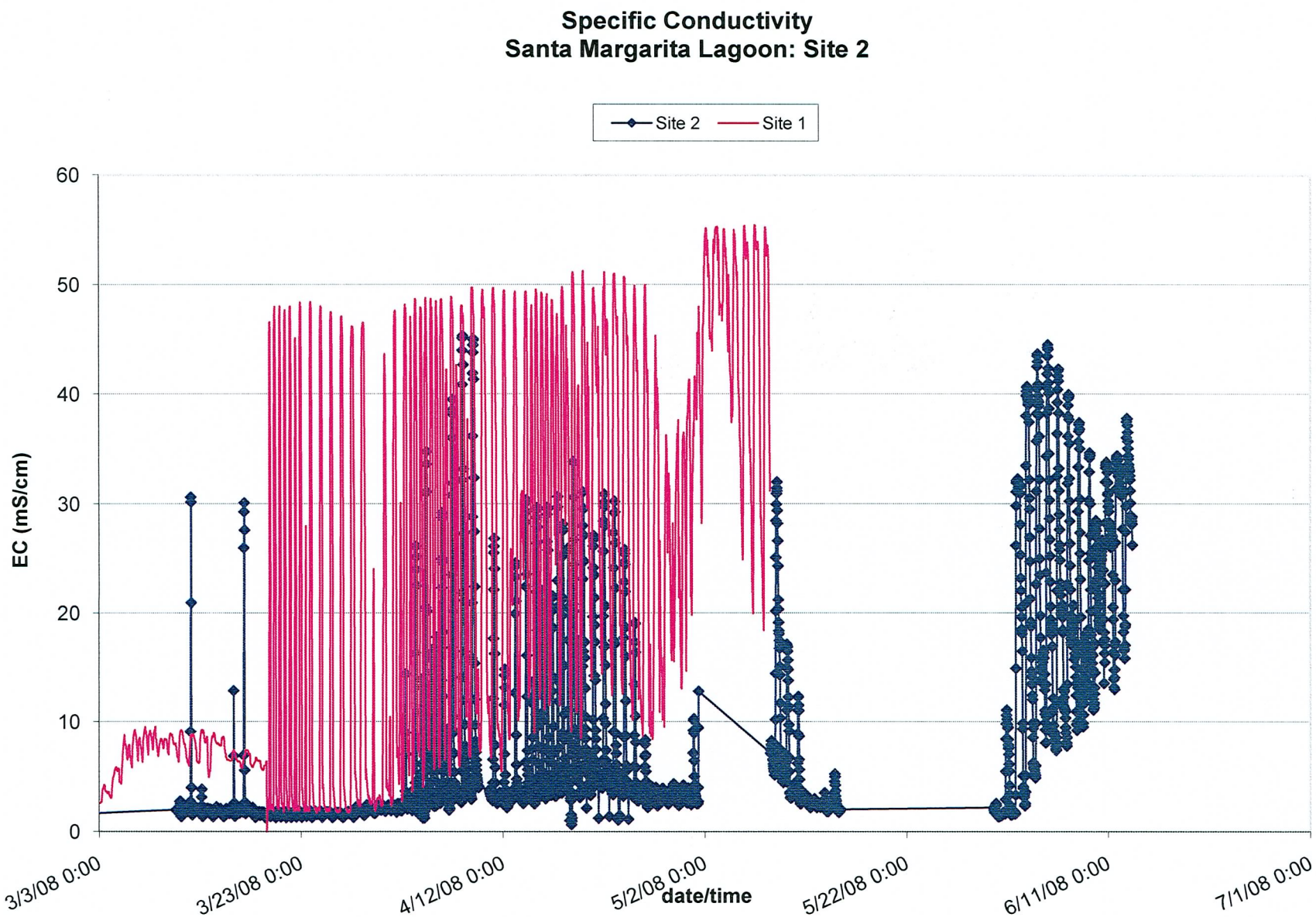

Dissolved Oxygen
Santa Margarita Lagoon: Site 1
DO
DO Saturation
depth
I would question a lot of these data -> can we explain the huge DO swings and peaks 300% of
low points are generally early morning…makes sense for algal
these cycles appear to follow photosynthesis, more than
but way above saturation levels!
DO (mg/l)
depth (m)
date/time
35
30
25
20
15
10
5
0
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00
5/7/08 0:00

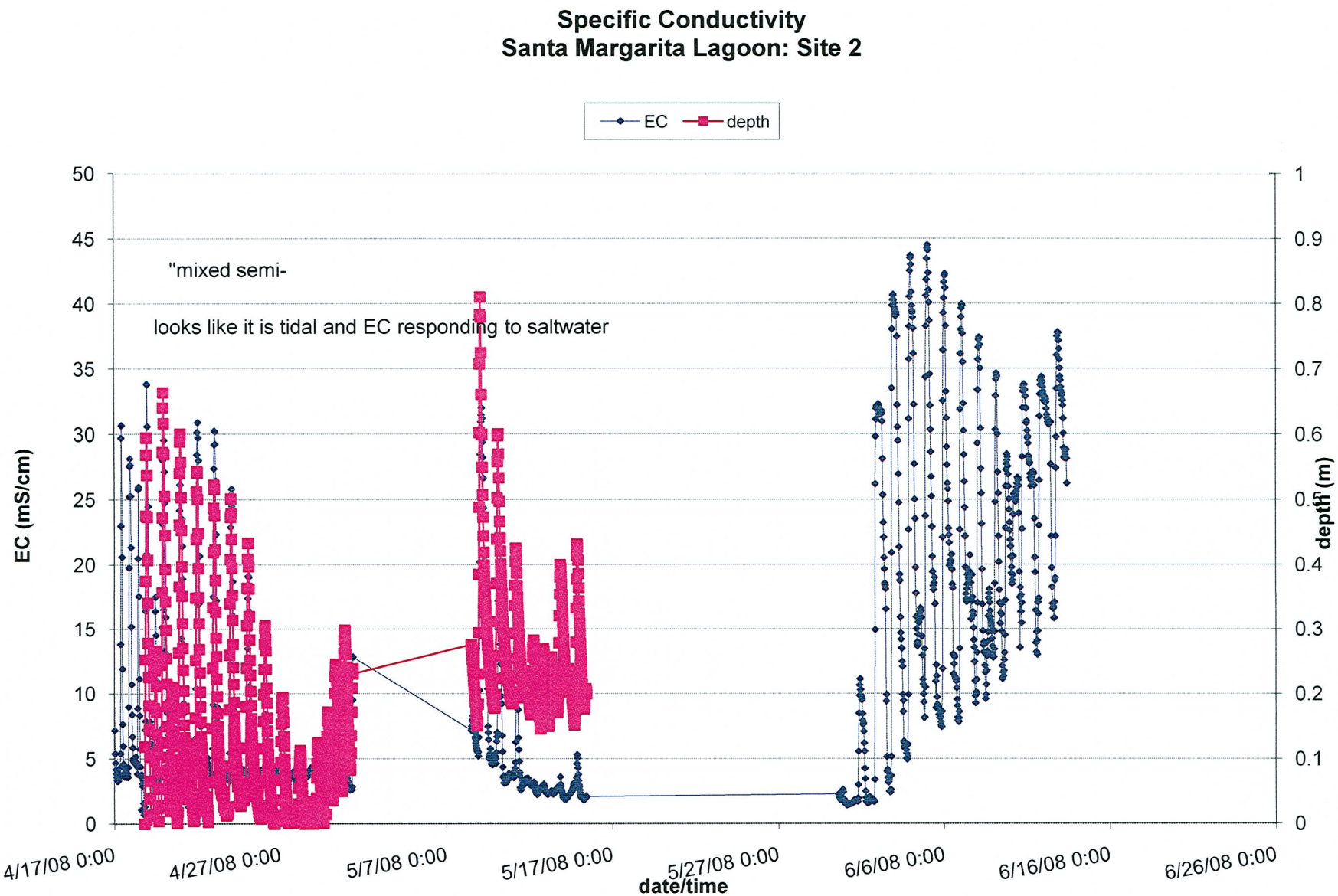

Dissolved Oxygen
Santa Margarita Lagoon: Site 1
DO
DO Saturation
depth
peaks definitely occuring during low tide…is the water depth too low for a reasonable reading? Is probe fully
are there benthic plants? (causing supersaturation at low
there is probably a depth cut-off for which we should discard DO data -> based on depth of probe
DO (mg/l)
depth (m)
date/time
30
25
20
15
10
5
0
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
4/12/08 0:00
4/12/08 12:00
4/13/08 0:00
4/13/08 12:00
4/14/08 0:00
4/14/08 12:00
4/15/08 0:00
4/15/08 12:00
4/16/08 0:00
4/16/08 12:00
4/17/08 0:00

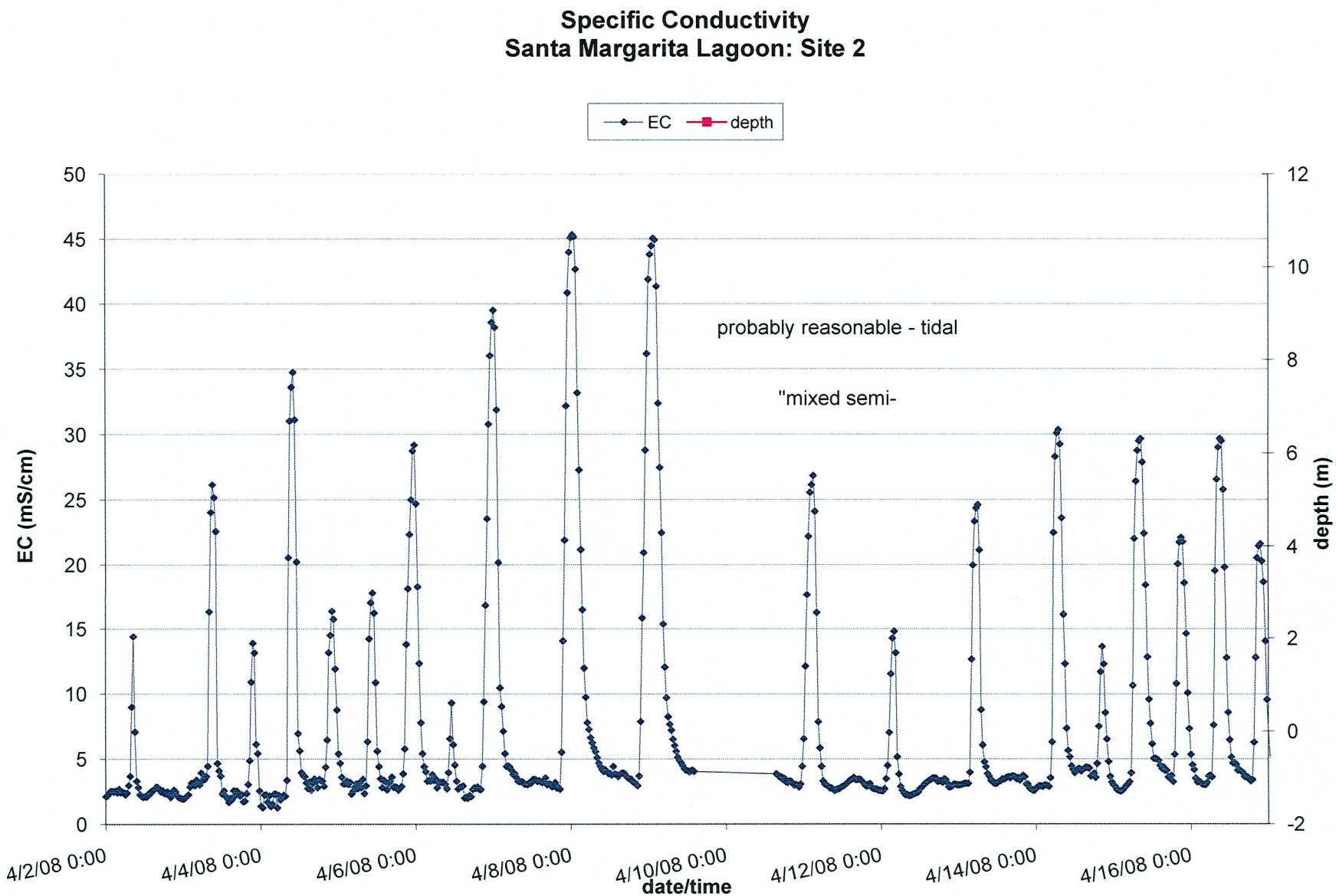

Water Temperature
Santa Margarita Lagoon: Site 2
35
30
25
20
15
10
5
0
temperature (C)
looks like good data
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
6/1/08 0:00
6/21/08 0:00
date/time

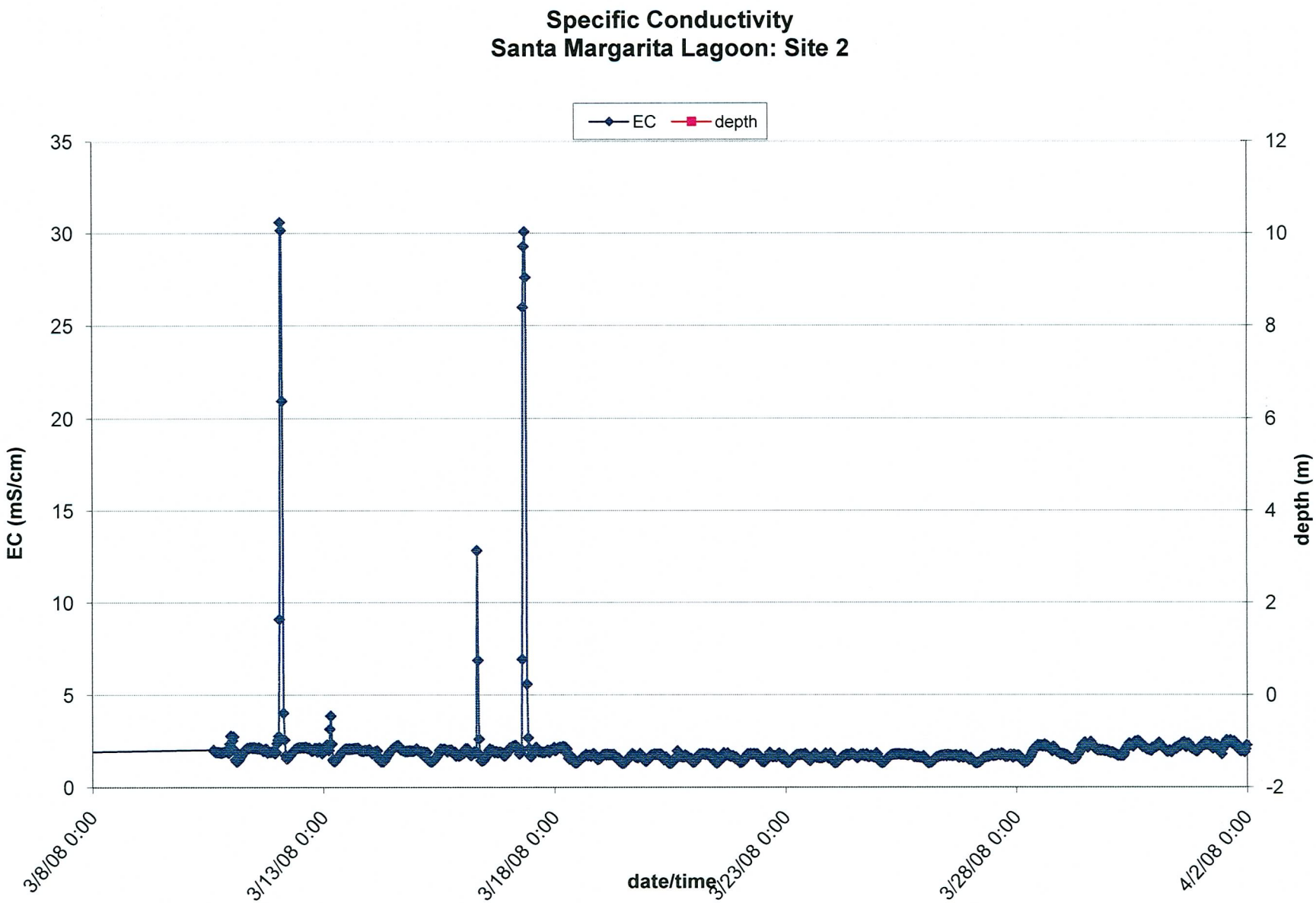

Turbidity
Santa Margarita Lagoon: Site 2
discard negative numbers
turbidity (NTU)
25
20
15
10
5
0
-5
-10
3/23/08 0:00
4/2/08 0:00
4/12/08 0:00
4/22/08 0:00
5/2/08 0:00
5/12/08 0:00
5/22/08 0:00
6/1/08 0:00
6/11/08 0:00
6/21/08 0:00
date/time

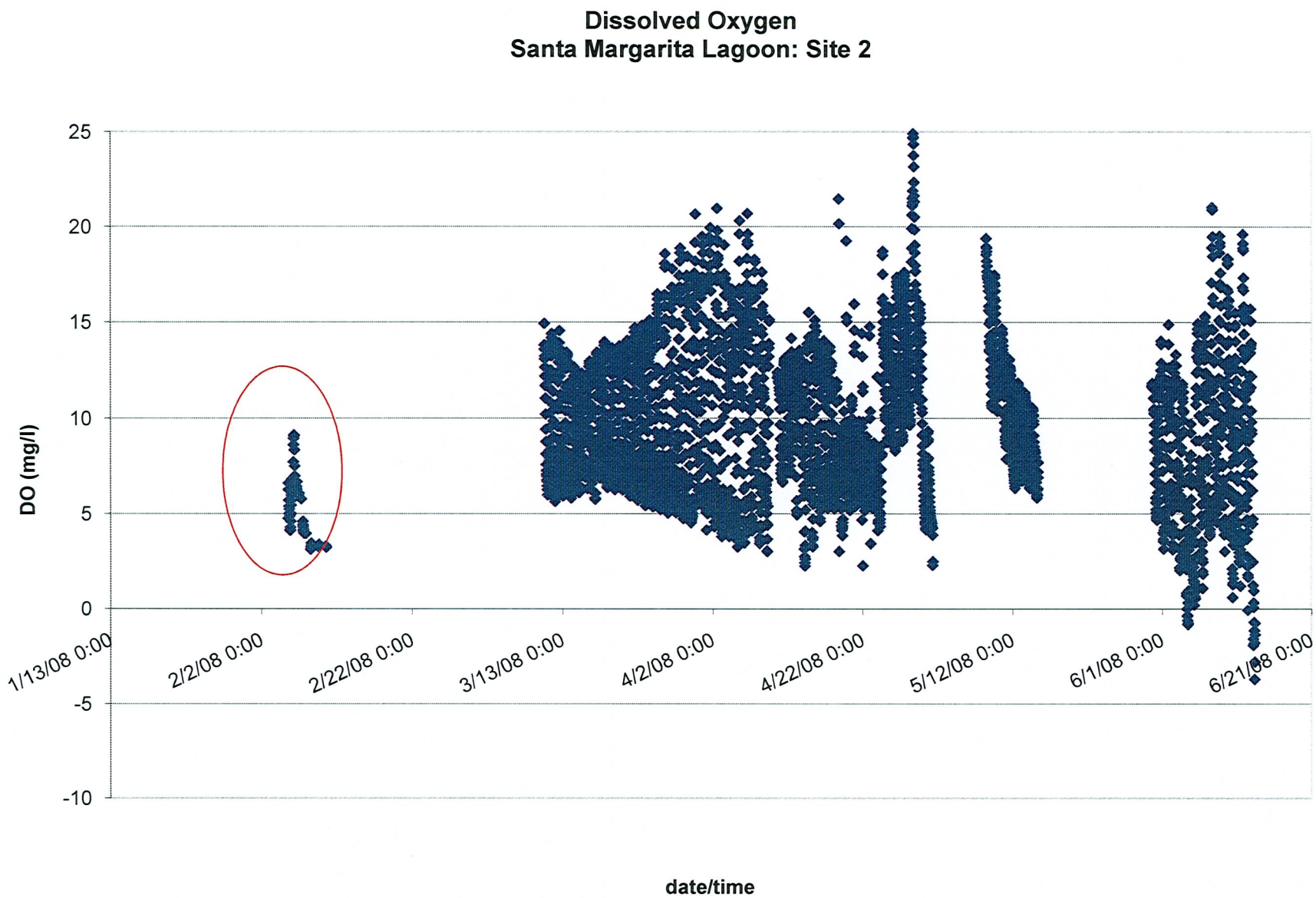

Specific Conductivity
Santa Margarita Lagoon: Site 2
EC
depth
EC (mS/cm)
depth (m)
date/time
2 week period of no tidal fluctuations
no tidal fluctuations? Explainable?
50
45
40
35
30
25
20
15
10
5
0
12
10
8
6
4
2
0
-2
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
6/1/08 0:00
6/21/08 0:00

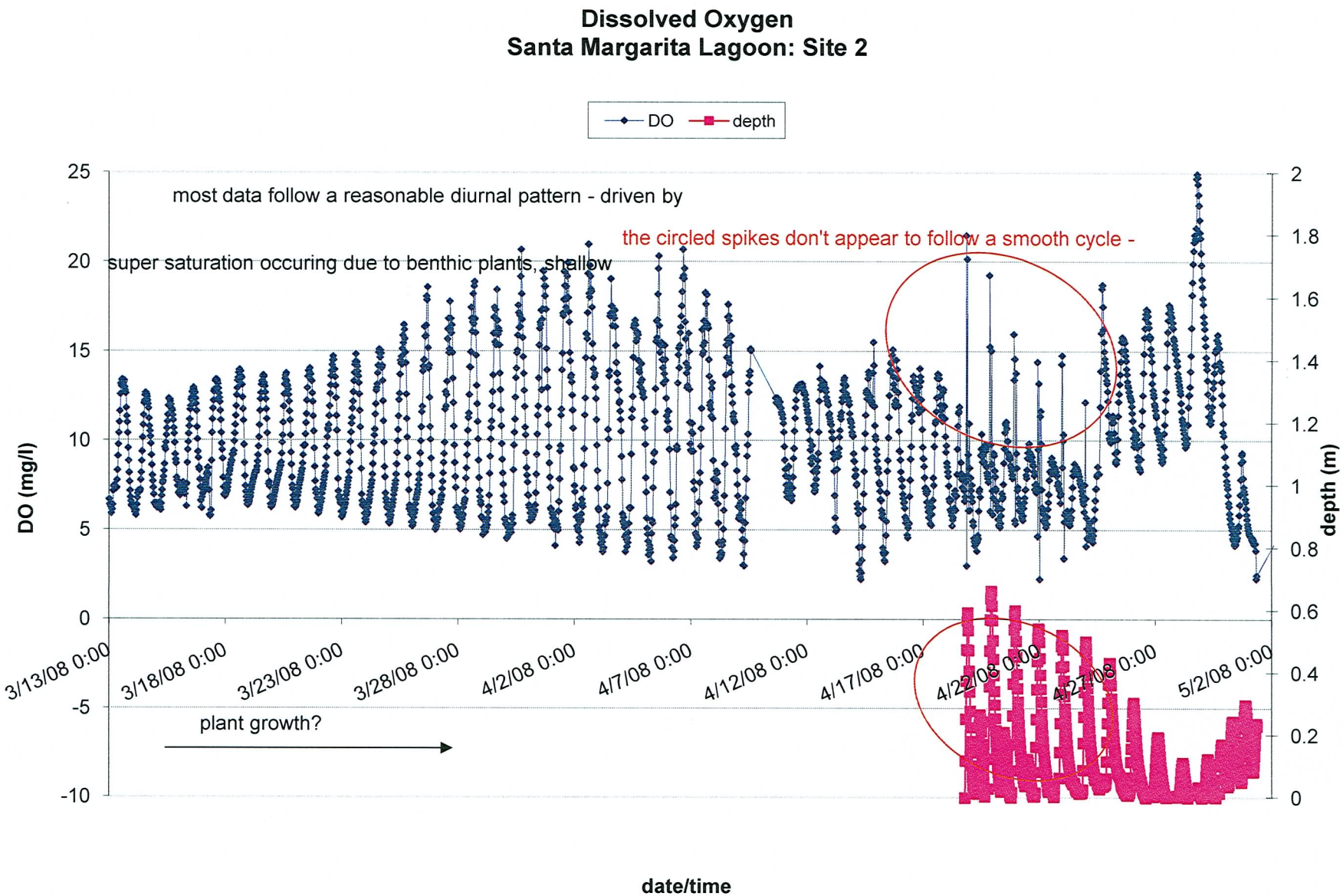

Specific Conductivity
Santa Margarita Lagoon: Site 2
Site 2
Site 1
EC (mS/cm)
60
50
40
30
20
10
0
3/3/08 0:00
3/23/08 0:00
4/12/08 0:00
5/2/08 0:00
5/22/08 0:00
6/11/08 0:00
7/1/08 0:00
date/time

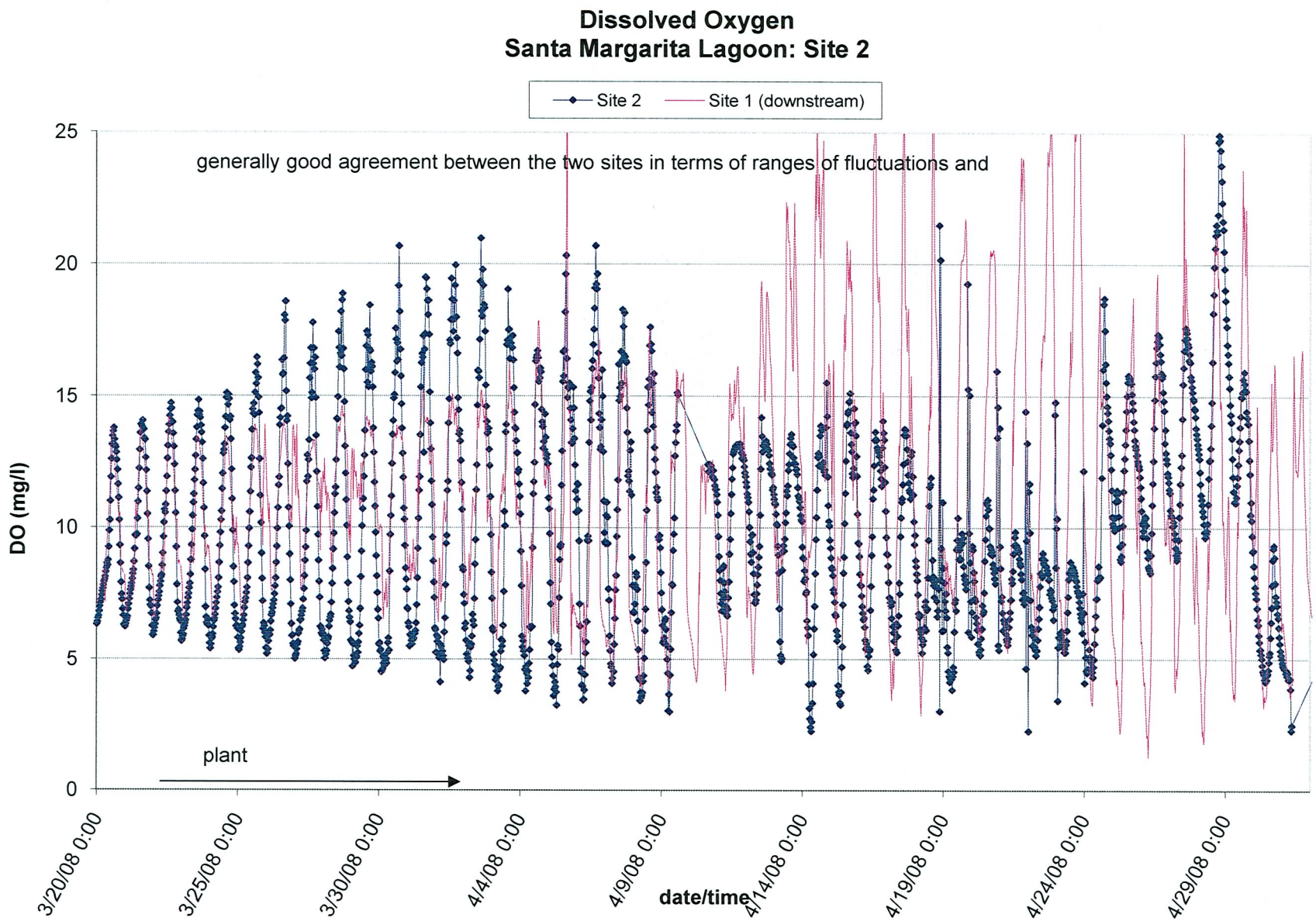

Specific Conductivity
Santa Margarita Lagoon: Site 2
EC
depth
"mixed semi-
looks like it is tidal and EC responding to saltwater
EC (mS/cm)
depth (m)
date/time
50
45
40
35
30
25
20
15
10
5
0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
4/17/08 0:00
4/27/08 0:00
5/7/08 0:00
5/17/08 0:00
5/27/08 0:00
6/6/08 0:00
6/16/08 0:00
6/26/08 0:00


Specific Conductivity
Santa Margarita Lagoon: Site 2
EC
depth
probably reasonable - tidal
"mixed semi-
EC (mS/cm)
depth (m)
date/time
50
45
40
35
30
25
20
15
10
5
0
12
10
8
6
4
2
0
-2
4/2/08 0:00
4/4/08 0:00
4/6/08 0:00
4/8/08 0:00
4/10/08 0:00
4/12/08 0:00
4/14/08 0:00
4/16/08 0:00


Specific Conductivity
Santa Margarita Lagoon: Site 2
EC
depth
EC (mS/cm)
depth (m)
date/time
35
30
25
20
15
10
5
0
12
10
8
6
4
2
0
-2
3/8/08 0:00
3/13/08 0:00
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00


Dissolved Oxygen
Santa Margarita Lagoon: Site 2
DO (mg/l)
25
20
15
10
5
0
-5
-10
1/13/08 0:00
2/2/08 0:00
2/22/08 0:00
3/13/08 0:00
4/2/08 0:00
4/22/08 0:00
5/12/08 0:00
6/1/08 0:00
6/21/08 0:00
date/time


Dissolved Oxygen
Santa Margarita Lagoon: Site 2
DO
depth
most data follow a reasonable diurnal pattern - driven by
super saturation occuring due to benthic plants, shallow
the circled spikes don't appear to follow a smooth cycle -
plant growth?
DO (mg/l)
depth (m)
date/time
25
20
15
10
5
0
-5
-10
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3/13/08 0:00
3/18/08 0:00
3/23/08 0:00
3/28/08 0:00
4/2/08 0:00
4/7/08 0:00
4/12/08 0:00
4/17/08 0:00
4/22/08 0:00
4/27/08 0:00
5/2/08 0:00


Dissolved Oxygen
Santa Margarita Lagoon: Site 2
Site 2
Site 1 (downstream)
generally good agreement between the two sites in terms of ranges of fluctuations and
plant
DO (mg/l)
25
20
15
10
5
0
3/20/08 0:00
3/25/08 0:00
3/30/08 0:00
4/4/08 0:00
4/9/08 0:00
4/14/08 0:00
4/19/08 0:00
4/24/08 0:00
4/29/08 0:00
date/time

Santa Margarita Lagoon WQ Data Review (June to September 2008)

General Comments

Temperature and pH data look good at all sites. Turbidity data generally look reasonable, although could not correlate peaks with the patchy flow data that were available. However, there appear to be significant problems with conductivity and dissolved oxygen data at all three sites. Theses problems appear to be related to instrument calibration, manifesting primarily as gradual drift (after calibration) and abrupt changes immediately following weekly calibration. These issues make it difficult to have any real confidence in the magnitudes of the measured data. Relative changes and patterns, such as the diurnal swings, do appear to be reliable for various short periods and indicate significant tidal and biological effects on water quality. Depth data was very sparse for this period. Depth is a very useful parameter for evaluating water quality data quality, and it is recommended that these data be regularly recorded in future monitoring efforts.

Parameter-Specific Notes

Temperature

- A few obvious invalid data points, otherwise a very good data set;
- Generally characterized by large diurnal fluctuations;
- Magnitude of diurnal cycles are large for a river, but not unrealistic for a shallow, unshaded system with large air temperature fluctuations;
- Temperature data is usually very reliable;
- Final recommendation = keep all data except for those indicated with red circles in attached spreadsheet.

Turbidity

- Turbidity is a measure of suspended solids and therefore can fluctuate dramatically as a function of hydrology/hydrodynamics and local sediment disturbances;
- All negative values can be discarded;
- A small number of isolated spikes (single point) should be discarded (red circles)
- While not able to be correlated with the given sparse flow data set, other turbidity peaks appear to be valid and likely due to storm events.

pH

- Nearly all of these data look ok except for a few indicated anomalous points and the entire period from 7/21 onward at ME Site (clear probe malfunction).

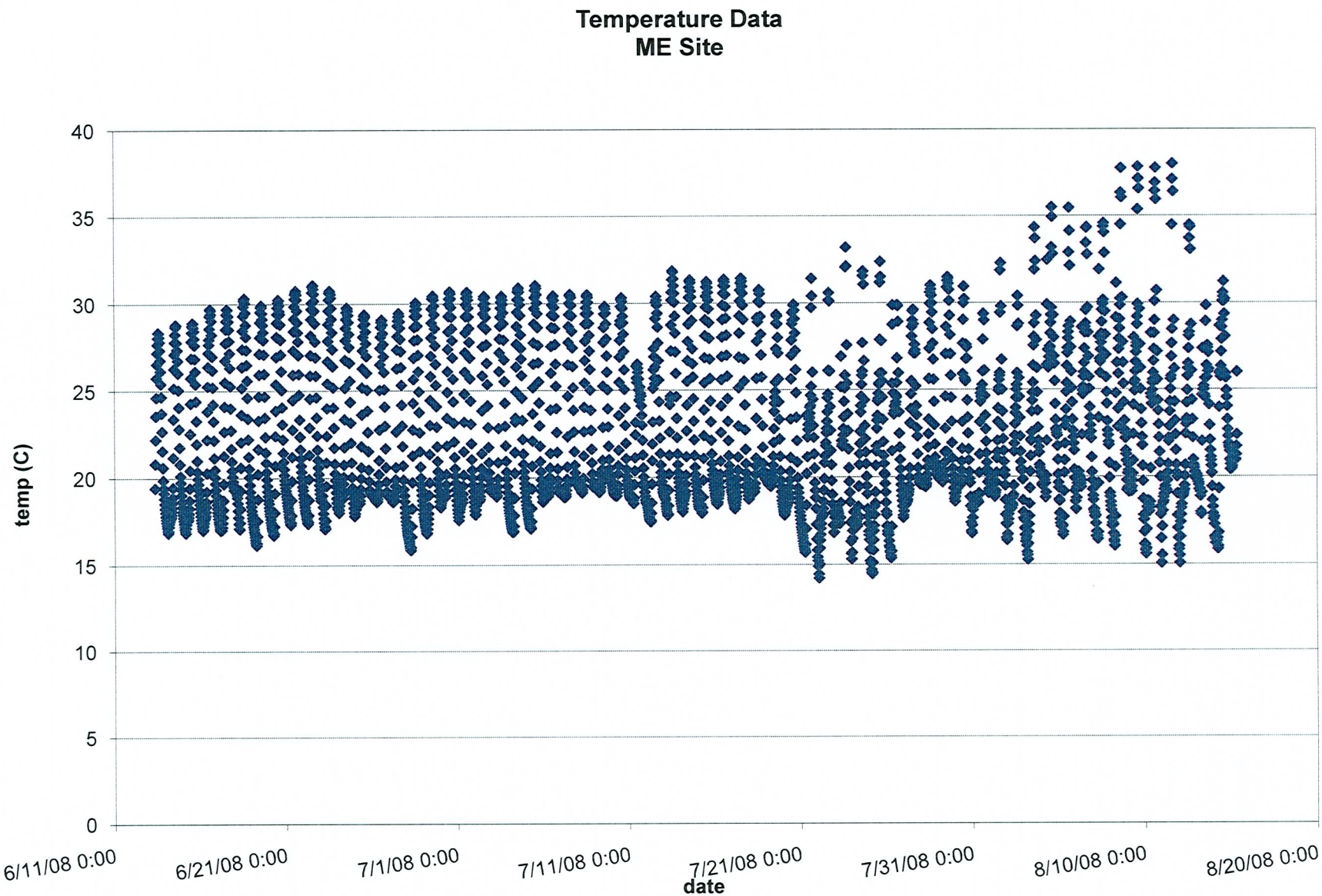
Conductivity

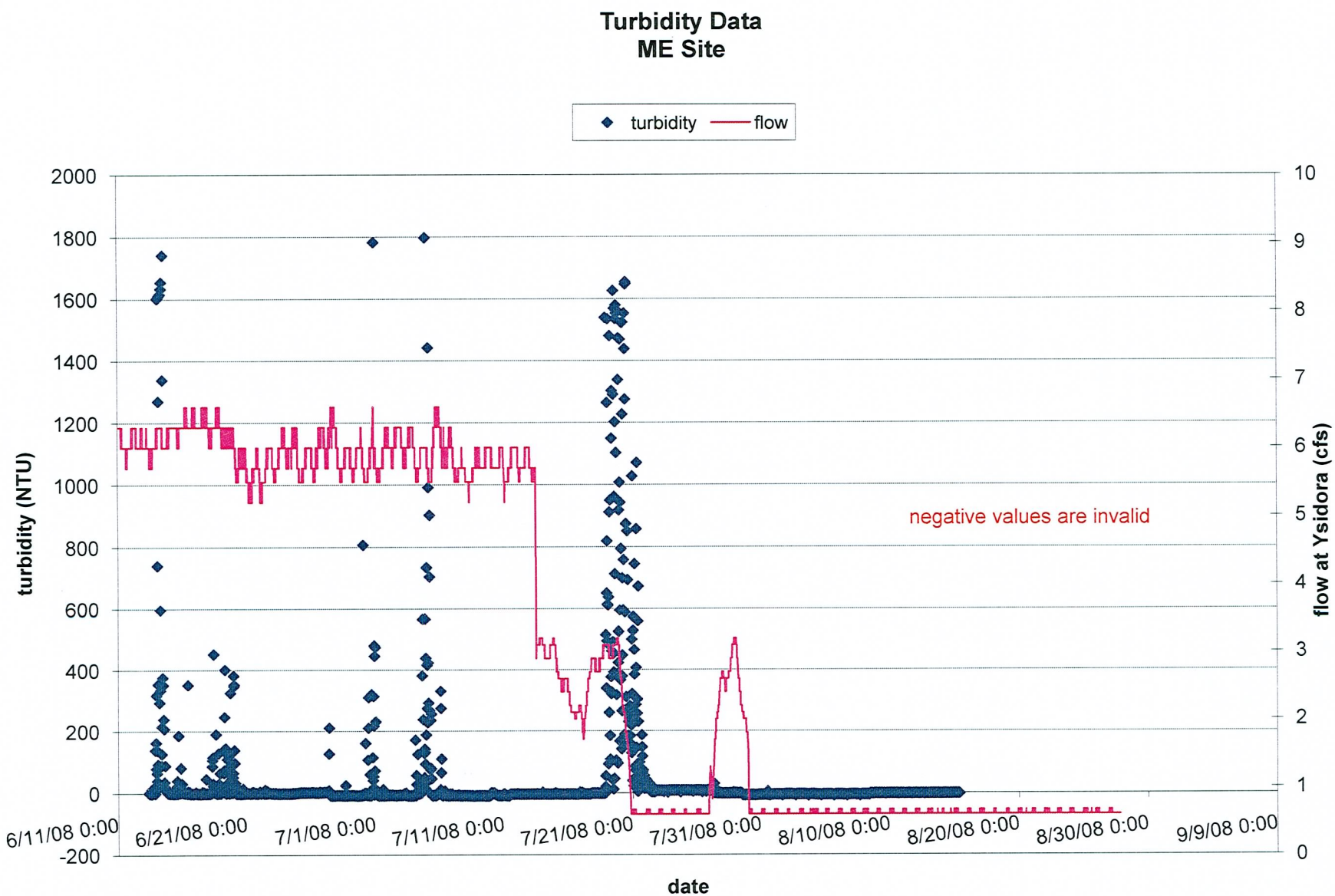
- Clusters of weekly data apparently due to re-calibration of instrument;
- Should not have big changes in measurement just due to re-calibration;
- If calibration process can’t be improved, then recommend not re-calibrating the conductivity probe unless problems are observed in the measured data (e.g. drift or abundance of anomalous measurements);

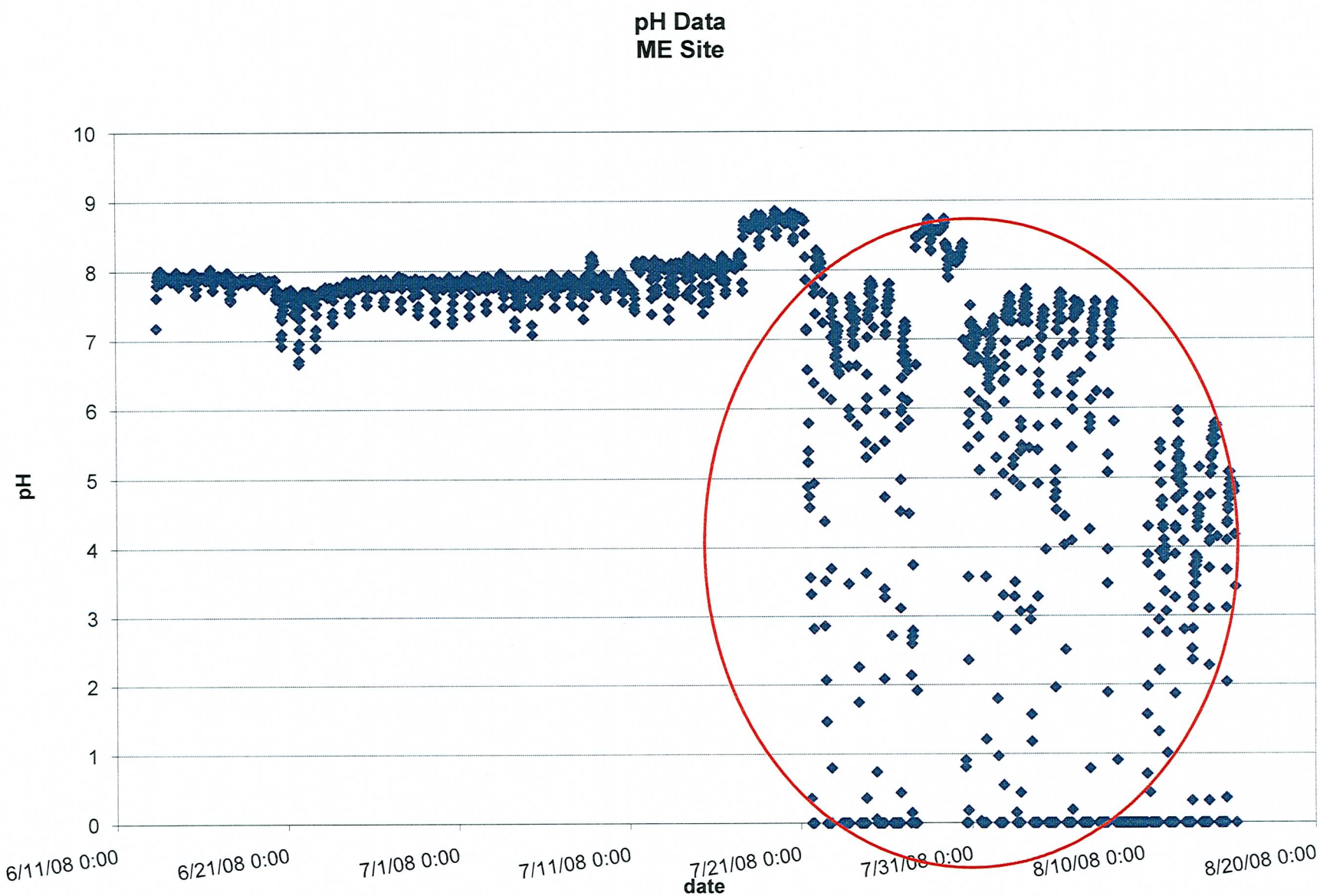
- Recommendation = discard all conductivity data measured in this period and re-assess calibration methods;
- (Keep in mind: conductivity is not an overly useful dynamic WQ parameter. You already have a good idea of the tidal impacts on the diurnal cycles and the general magnitude of conductivity in these brackish waters. Do you need to worry much about regular calibration?).

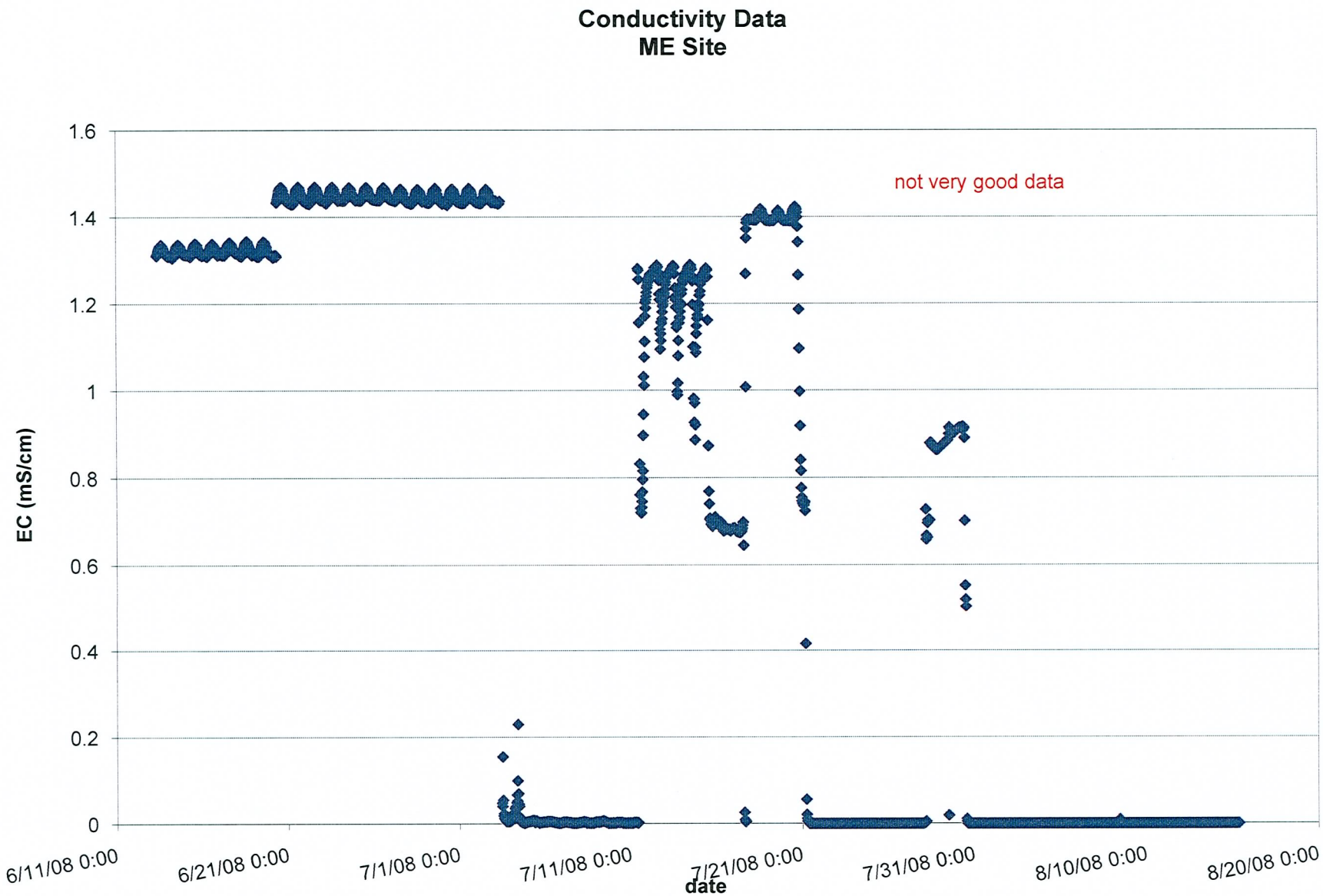
Dissolved Oxygen

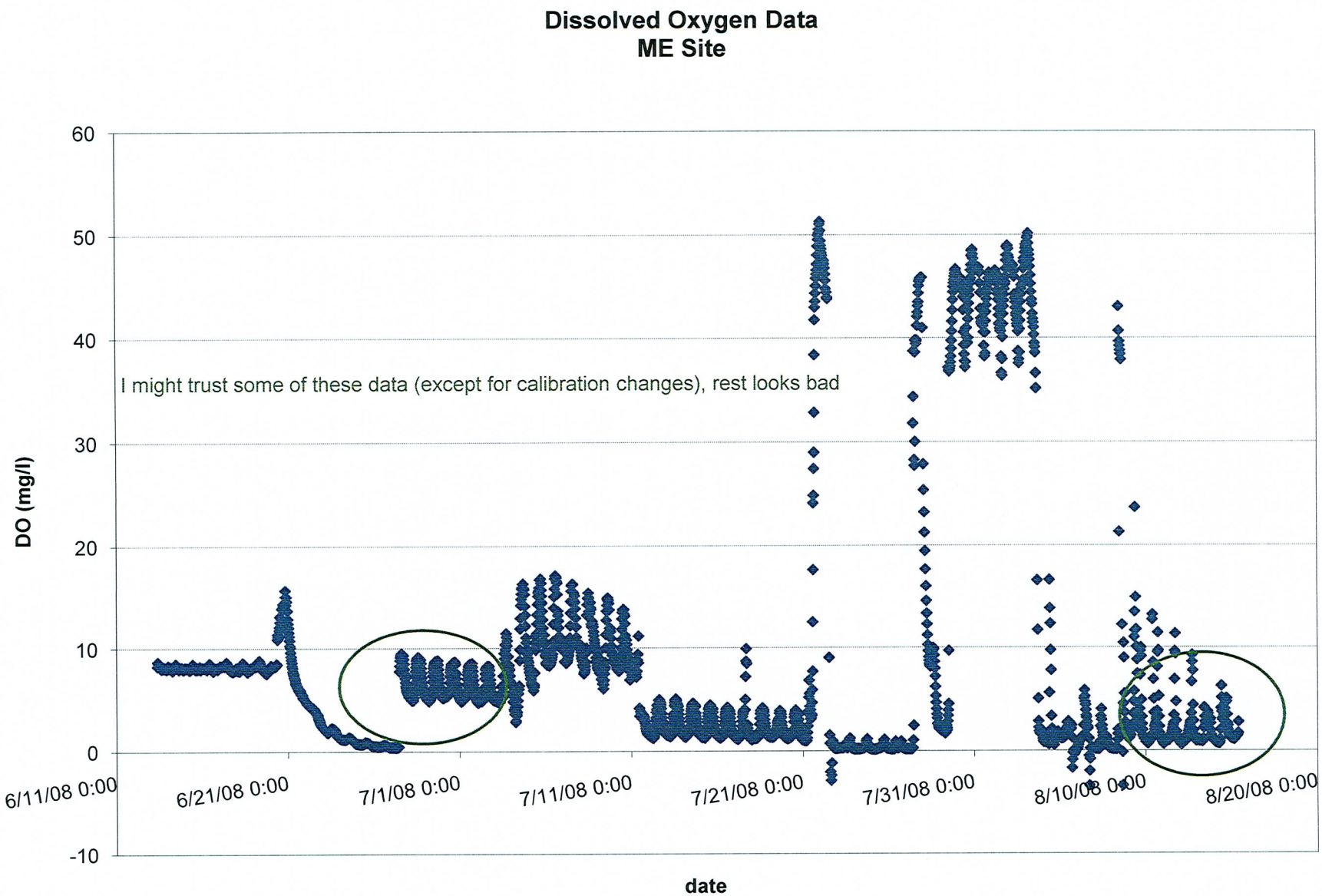
- Data generally appears to be of poor quality, characterized by large (and seemingly unrealistic) fluctuations, negative values, drift, and erratic shifts in fluctuation ranges;
- Discard all negative values
- Various anomalous data points indicated in attached figures, including extended periods of very low measured DO and periods with apparently random fluctuations (not following expected diurnal cycle);
- Also appear to be various shifts in data possibly due to re-calibration efforts;
- It is hard to say which data can be trusted, best guesses are indicated with green circles on the attached plots;
- Large diurnal swings again point to strong biological influence (couple with large temperature swings);
- As with conductivity data, there appear to be inconsistencies in the re-calibration efforts and rapid loss of calibration

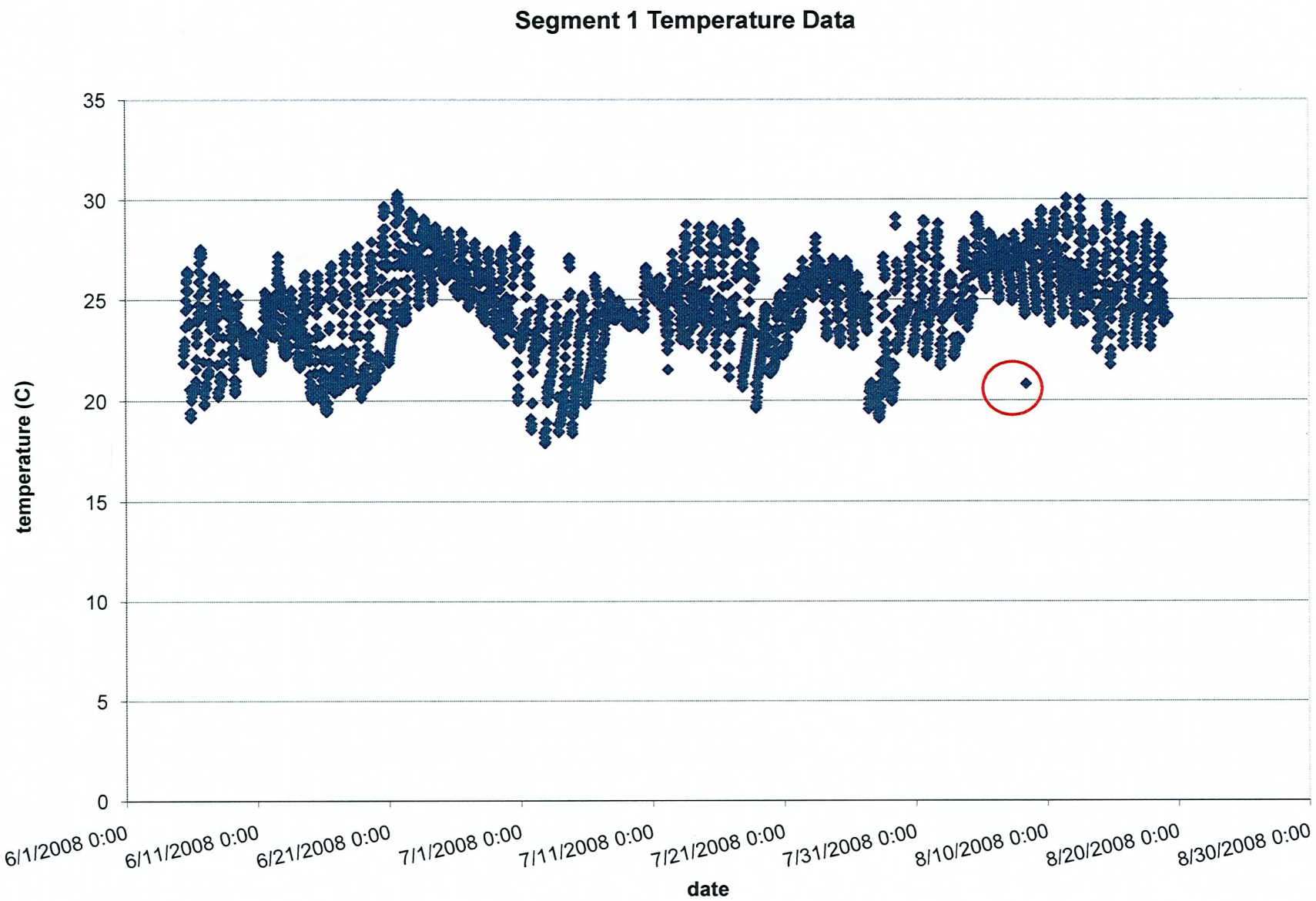

Temperature Data
ME Site
temp (C)
40
35
30
25
20
15
10
5
0
6/11/08 0:00
6/21/08 0:00
7/1/08 0:00
7/11/08 0:00
7/21/08 0:00
7/31/08 0:00
8/10/08 0:00
8/20/08 0:00
date

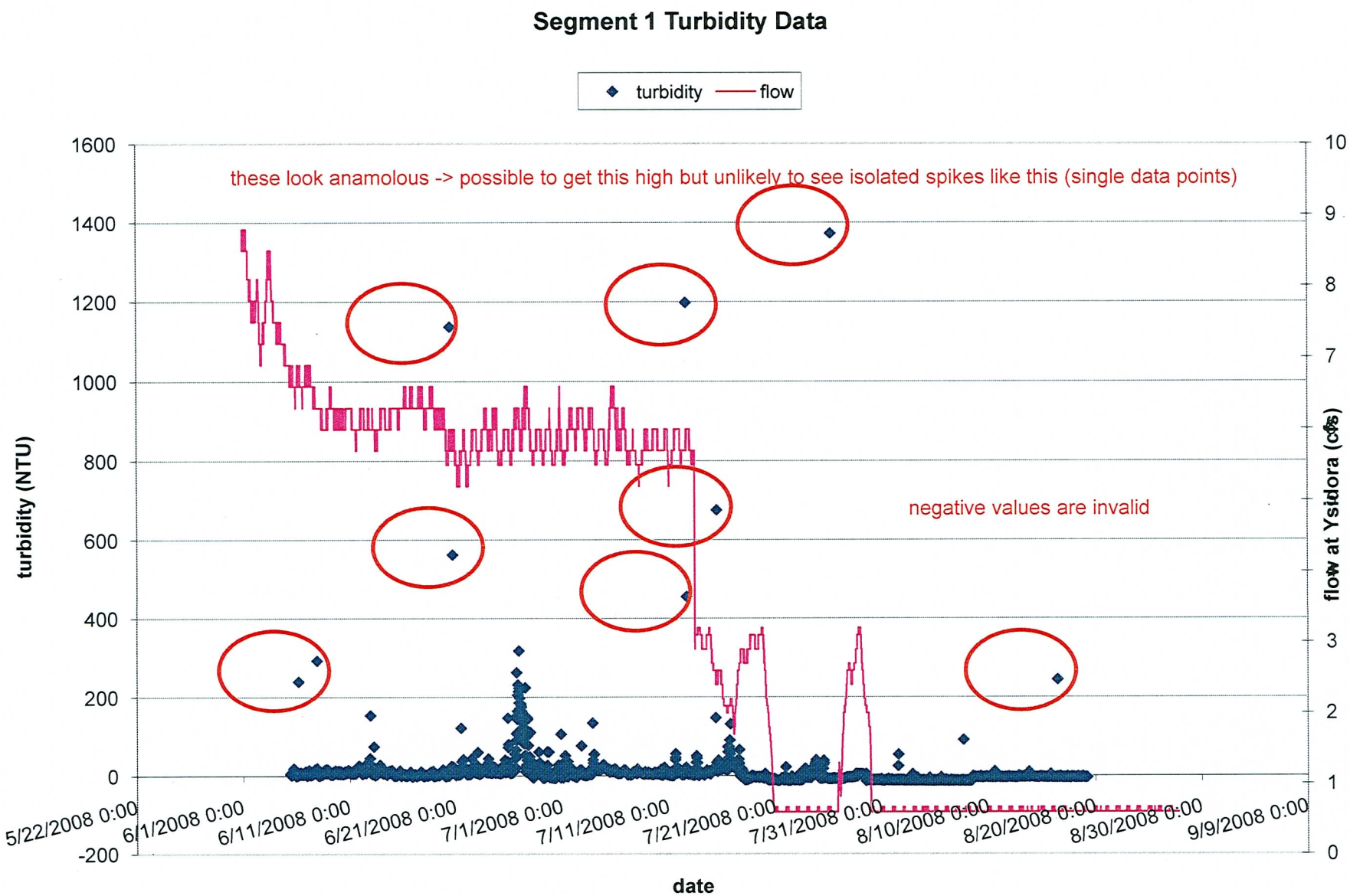

Turbidity Data
ME Site
turbidity
flow
2000
1800
1600
1400
1200
1000
800
600
400
200
0
-200
turbidity (NTU)
10
9
8
7
6
5
4
3
2
1
0
flow at Ysidora (cfs)
negative values are invalid
6/11/08 0:00
6/21/08 0:00
7/1/08 0:00
7/11/08 0:00
7/21/08 0:00
7/31/08 0:00
8/10/08 0:00
8/20/08 0:00
8/30/08 0:00
9/9/08 0:00
date

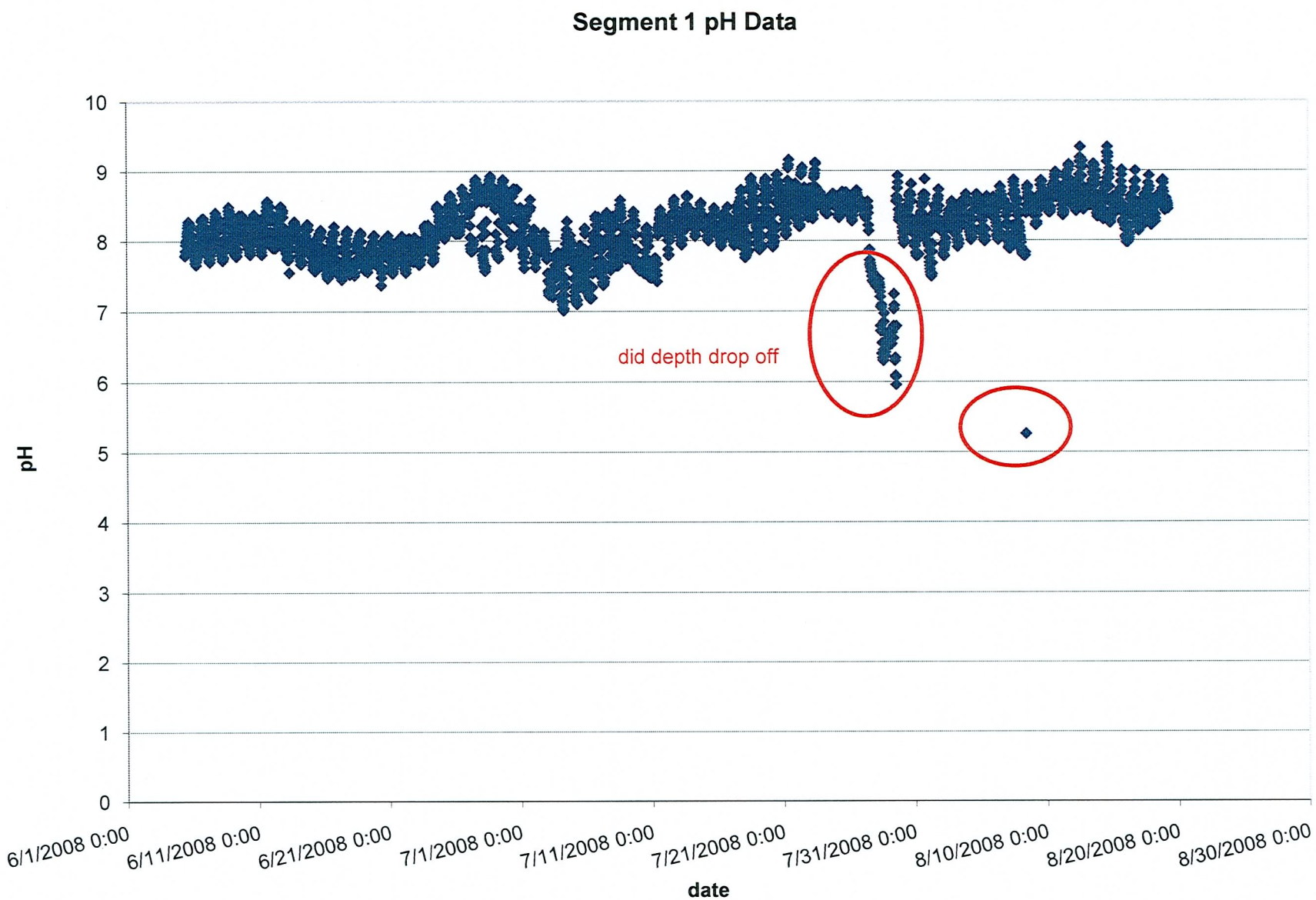

pH Data
ME Site
pH
10
9
8
7
6
5
4
3
2
1
0
6/11/08 0:00
6/21/08 0:00
7/1/08 0:00
7/11/08 0:00
7/21/08 0:00
7/31/08 0:00
8/10/08 0:00
8/20/08 0:00
date

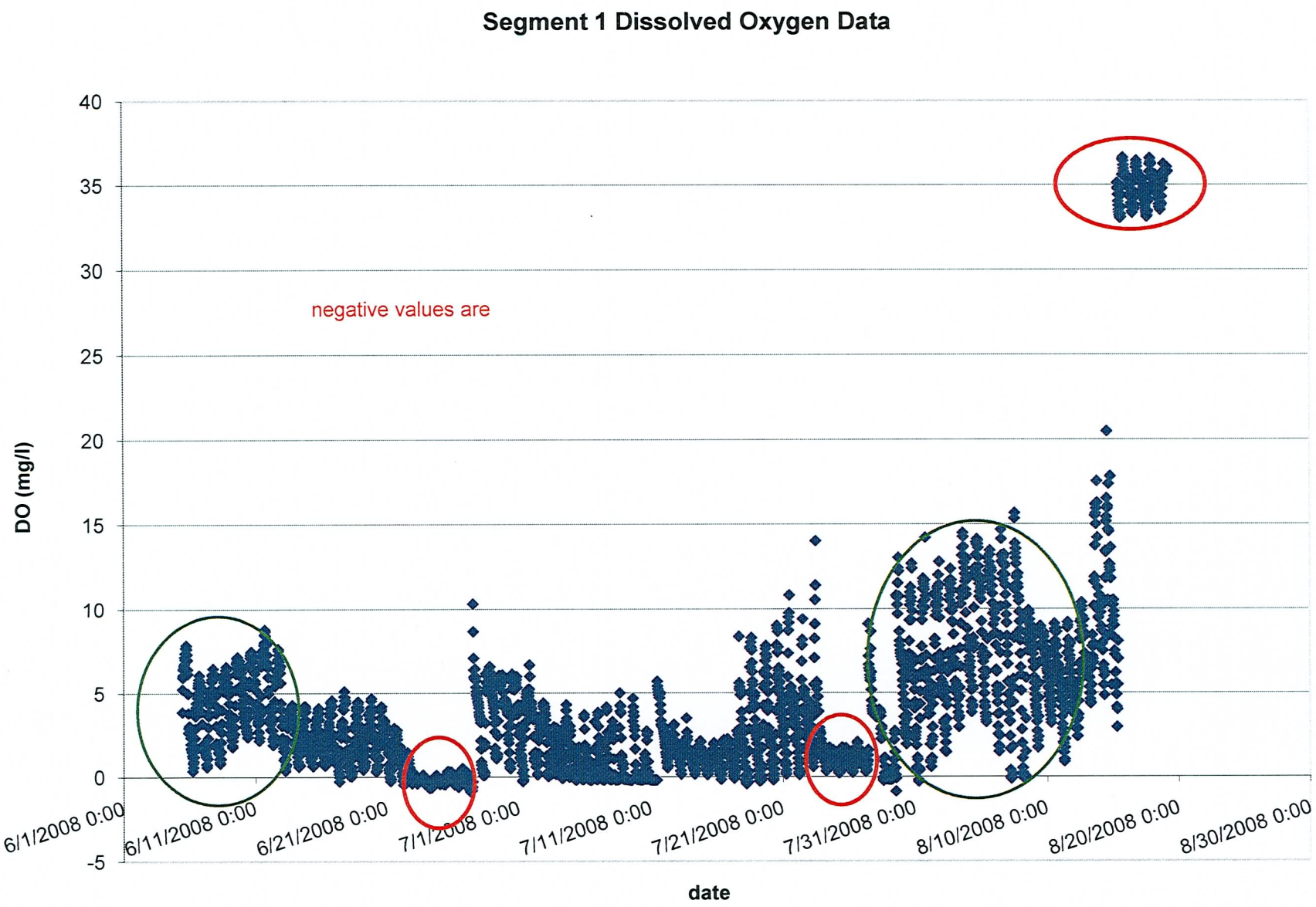

Conductivity Data
ME Site
not very good data
EC (mS/cm)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
6/11/08 0:00
6/21/08 0:00
7/1/08 0:00
7/11/08 0:00
7/21/08 0:00
7/31/08 0:00
8/10/08 0:00
8/20/08 0:00
date

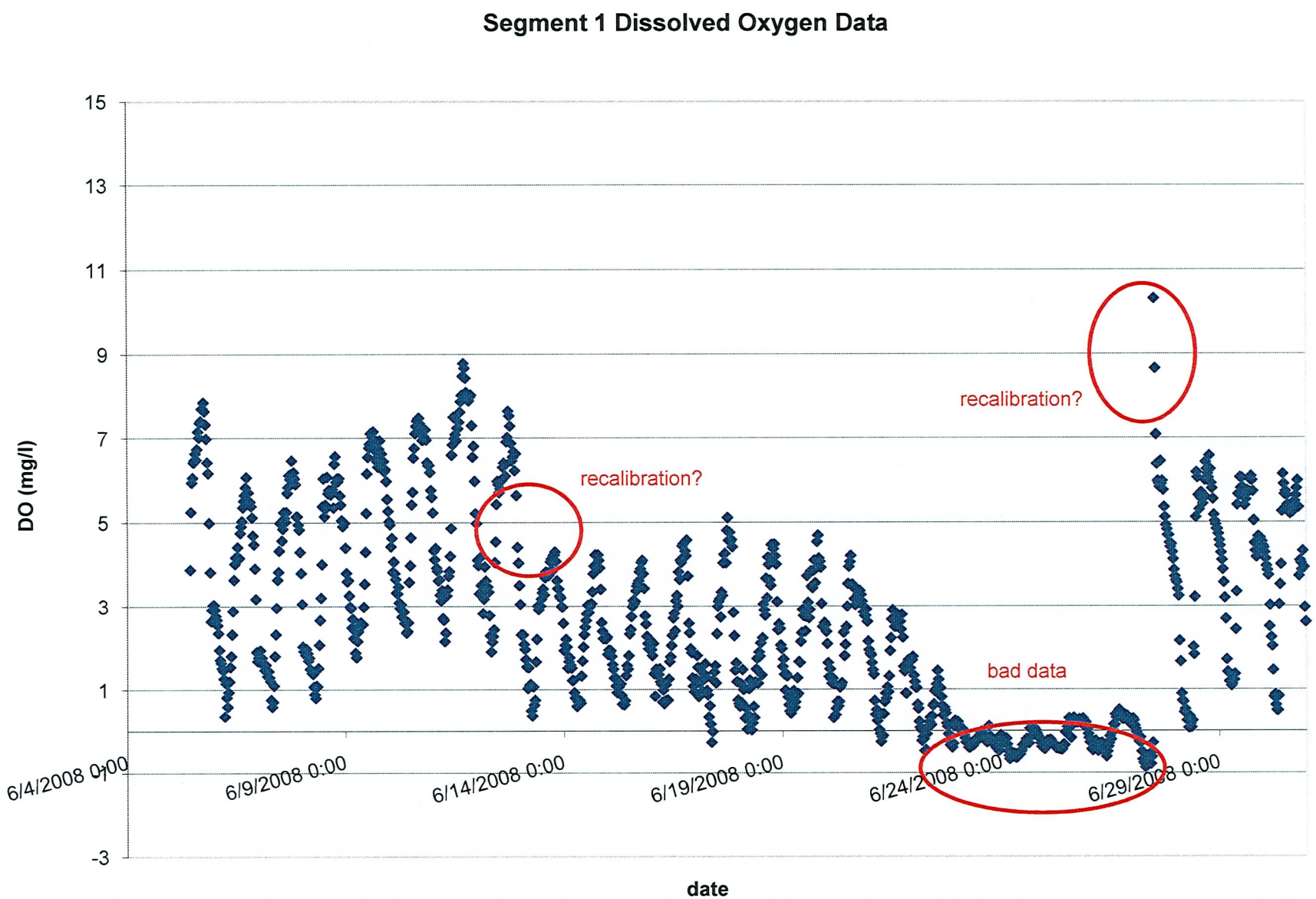

Dissolved Oxygen Data
ME Site
I might trust some of these data (except for calibration changes), rest looks bad
DO (mg/l)
60
50
40
30
20
10
0
-10
6/11/08 0:00
6/21/08 0:00
7/1/08 0:00
7/11/08 0:00
7/21/08 0:00
7/31/08 0:00
8/10/08 0:00
8/20/08 0:00
date

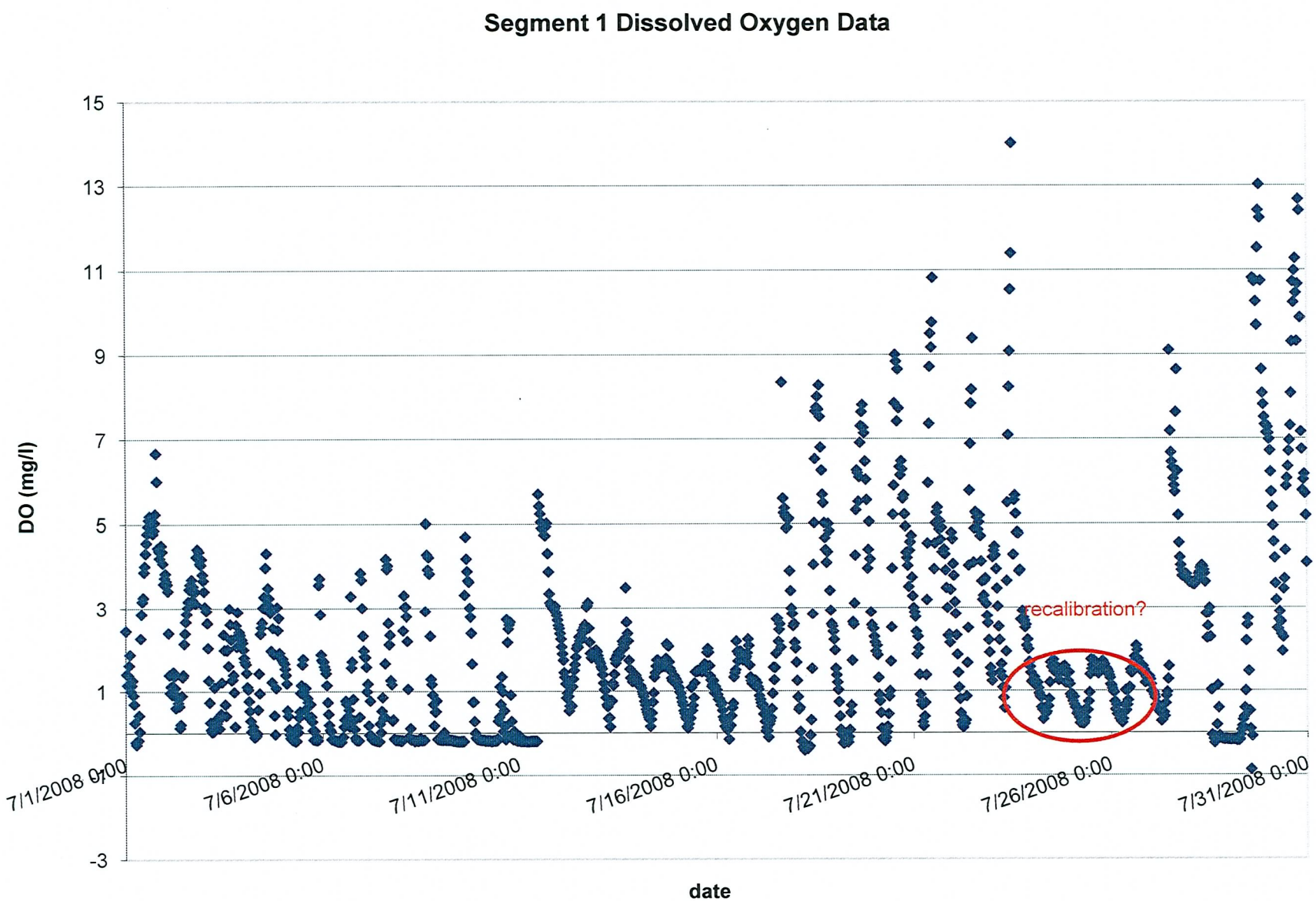

Segment 1 Temperature Data
temperature (C)
35
30
25
20
15
10
5
0
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date

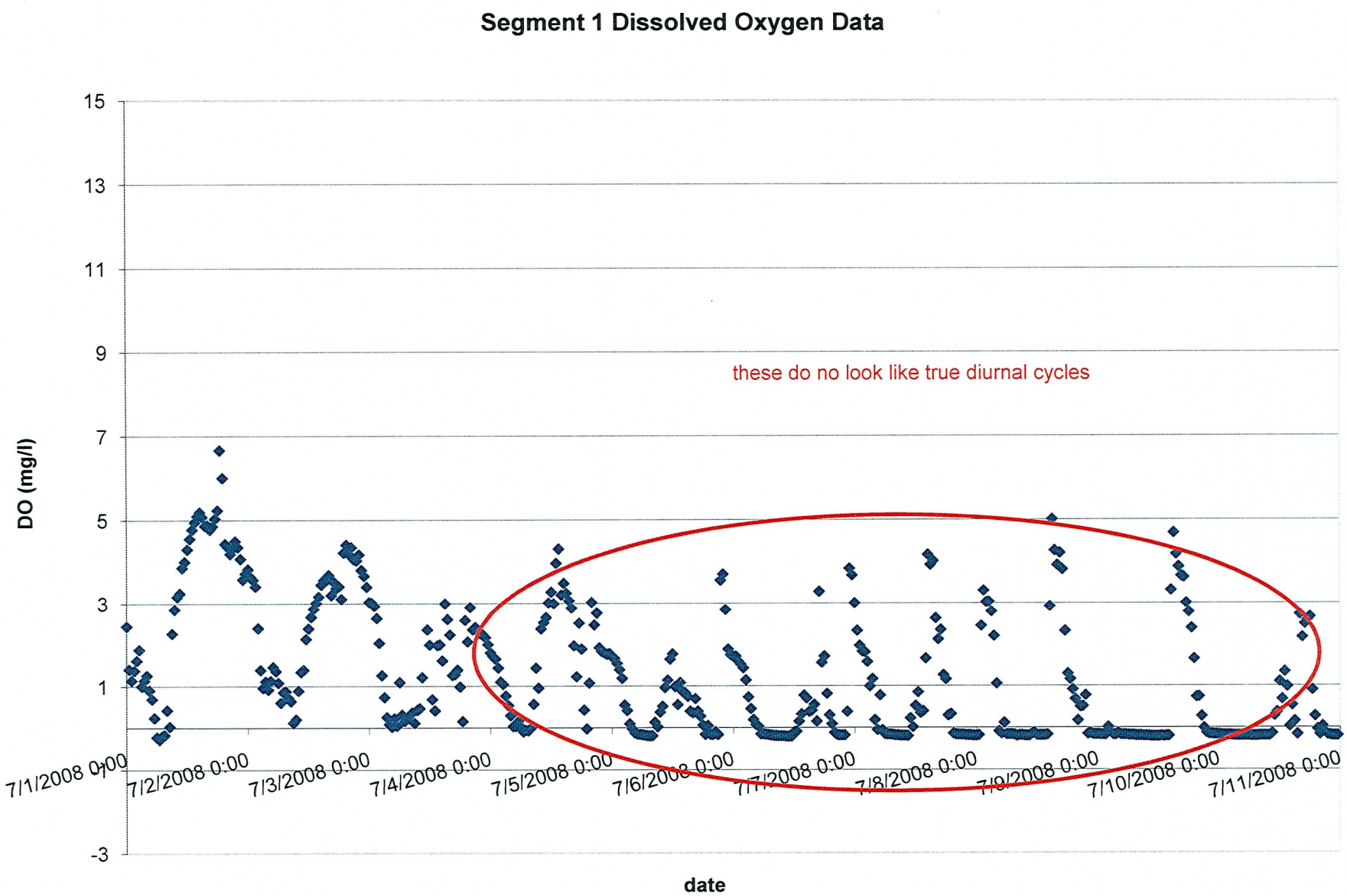

Segment 1 Turbidity Data
turbidity
flow
these look anamolous -> possible to get this high but unlikely to see isolated spikes like this (single data points)
negative values are invalid
turbidity (NTU)
flow at Ysidora (cfs)
date
1600
1400
1200
1000
800
600
400
200
0
-200
10
9
8
7
6
3
2
1
0
5/22/2008 0:00
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
9/9/2008 0:00

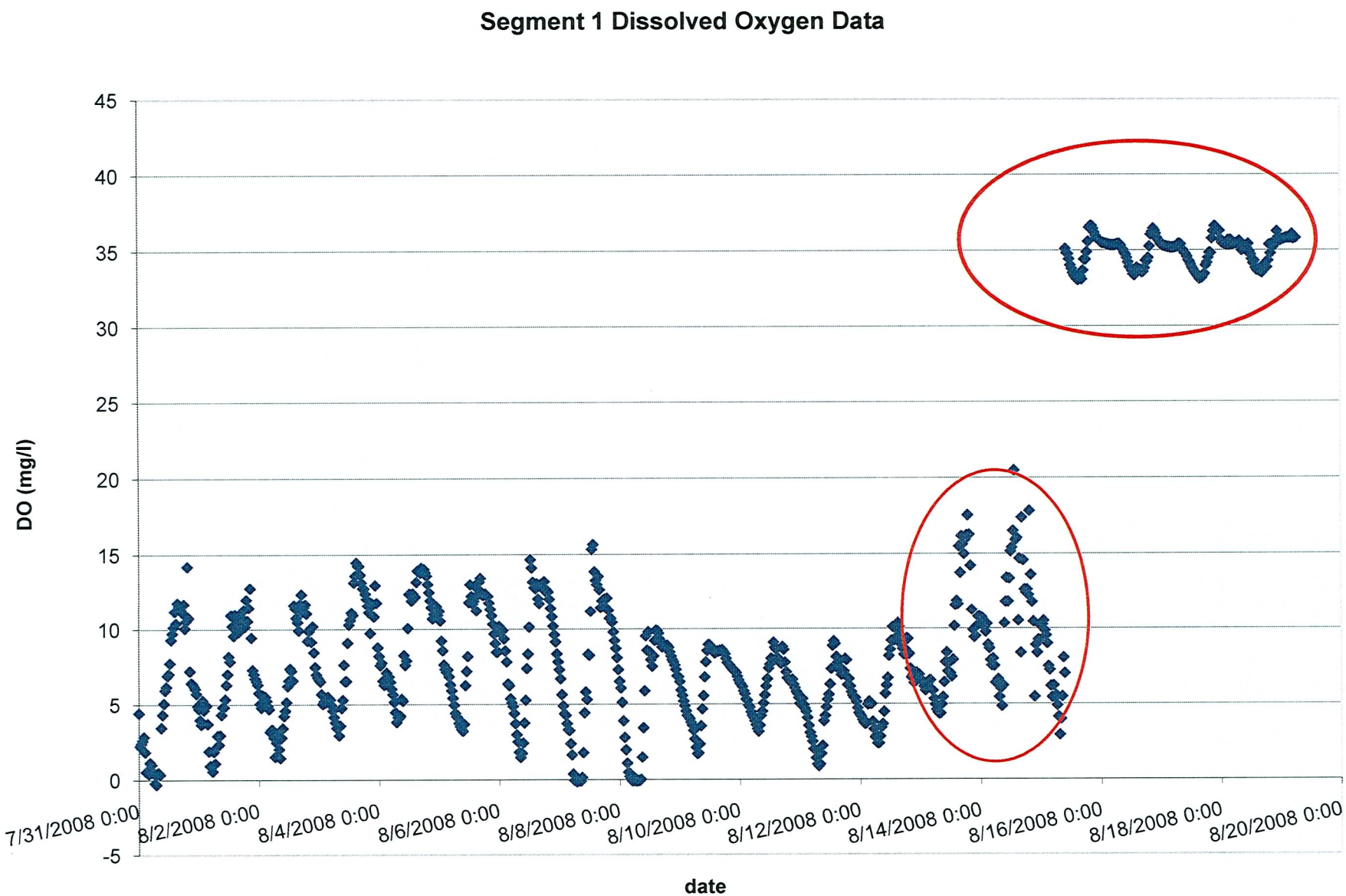

Segment 1 pH Data
10
9
8
7
6
5
4
3
2
1
0
pH
did depth drop off
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date

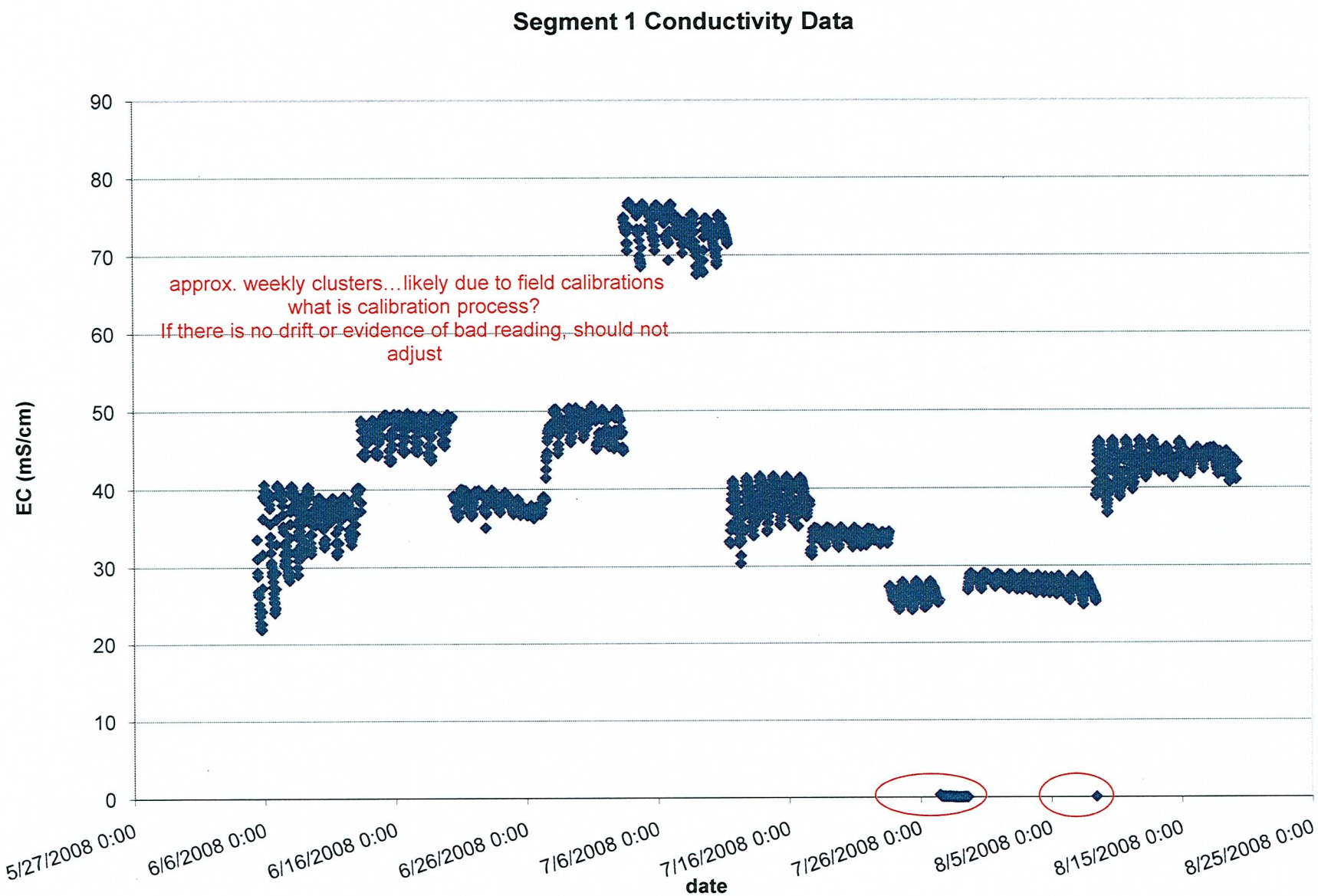

Segment 1 Dissolved Oxygen Data
negative values are
DO (mg/l)
40
35
30
25
20
15
10
5
0
-5
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date

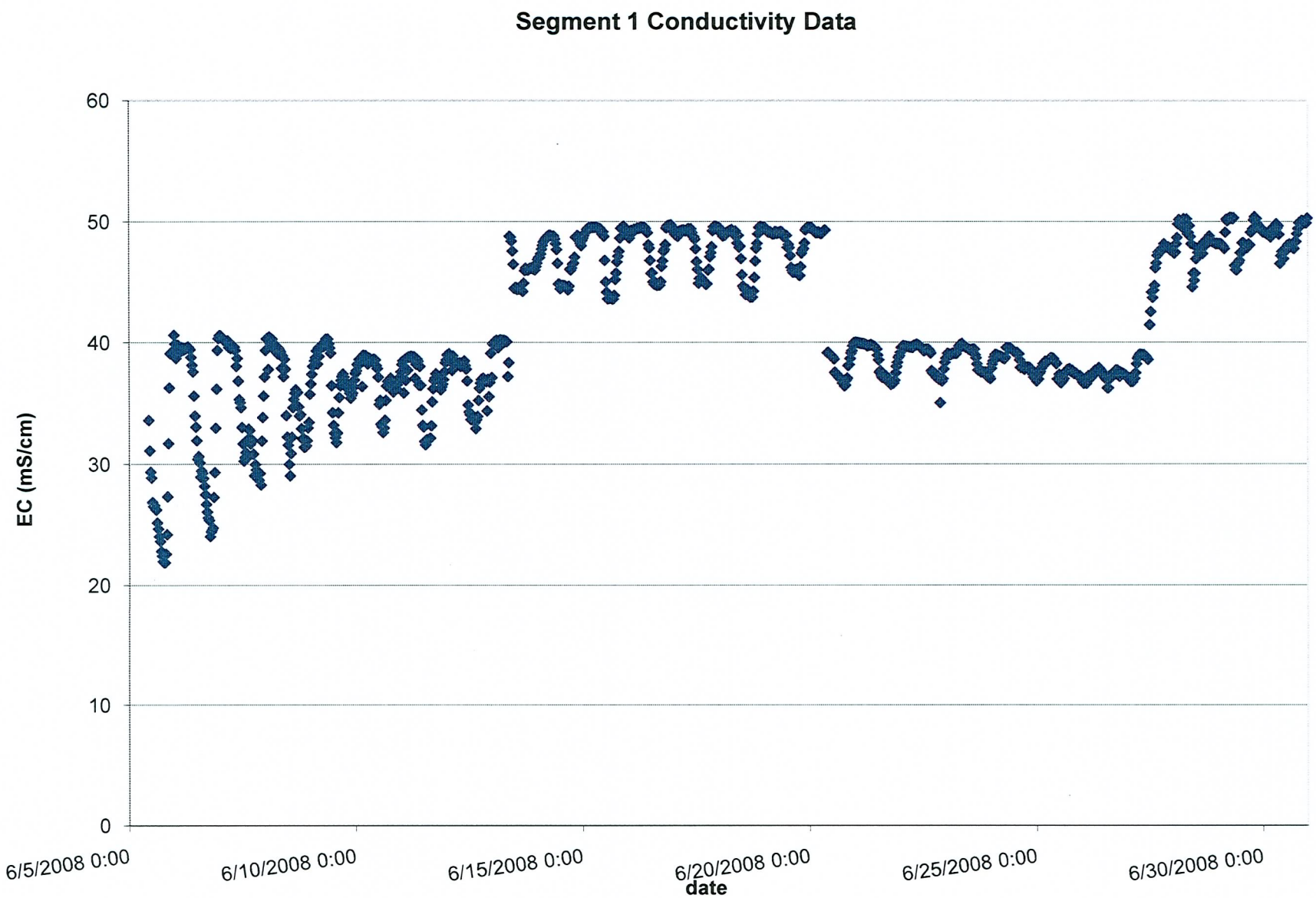

Segment 1 Dissolved Oxygen Data
DO (mg/l)
15
13
11
9
7
5
3
1
-1
-3
6/4/2008 0:00
6/9/2008 0:00
6/14/2008 0:00
6/19/2008 0:00
6/24/2008 0:00
6/29/2008 0:00
date
recalibration?
recalibration?
bad data

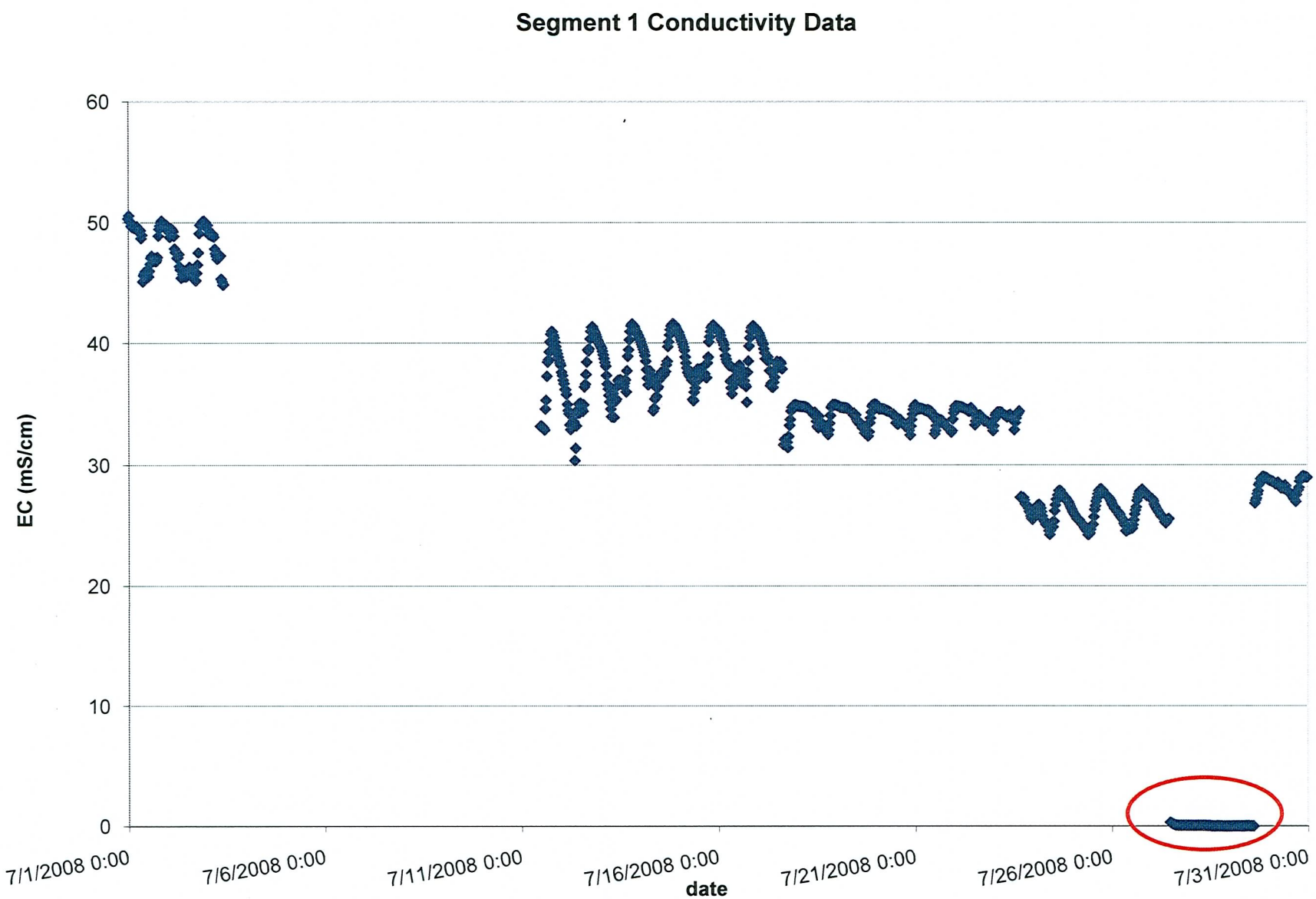

Segment 1 Dissolved Oxygen Data
DO (mg/l)
15
13
11
9
7
5
3
1
-3
7/1/2008 0:00
7/6/2008 0:00
7/11/2008 0:00
7/16/2008 0:00
7/21/2008 0:00
7/26/2008 0:00
7/31/2008 0:00
date
recalibration?

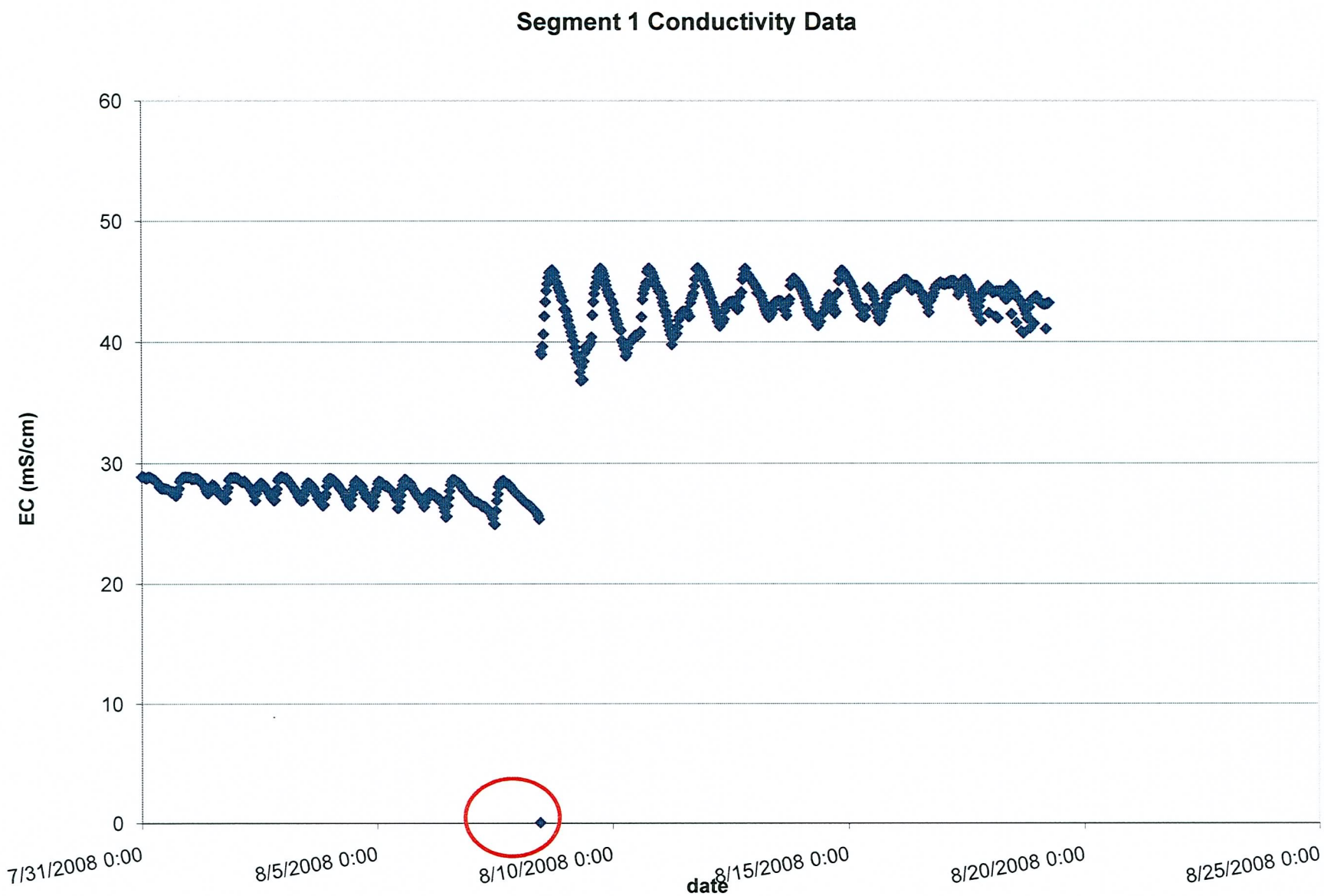

Segment 1 Dissolved Oxygen Data
these do no look like true diurnal cycles
DO (mg/l)
15
13
11
9
7
5
3
1
-3
7/1/2008 0:00
7/2/2008 0:00
7/3/2008 0:00
7/4/2008 0:00
7/5/2008 0:00
7/6/2008 0:00
7/7/2008 0:00
7/8/2008 0:00
7/9/2008 0:00
7/10/2008 0:00
7/11/2008 0:00
date

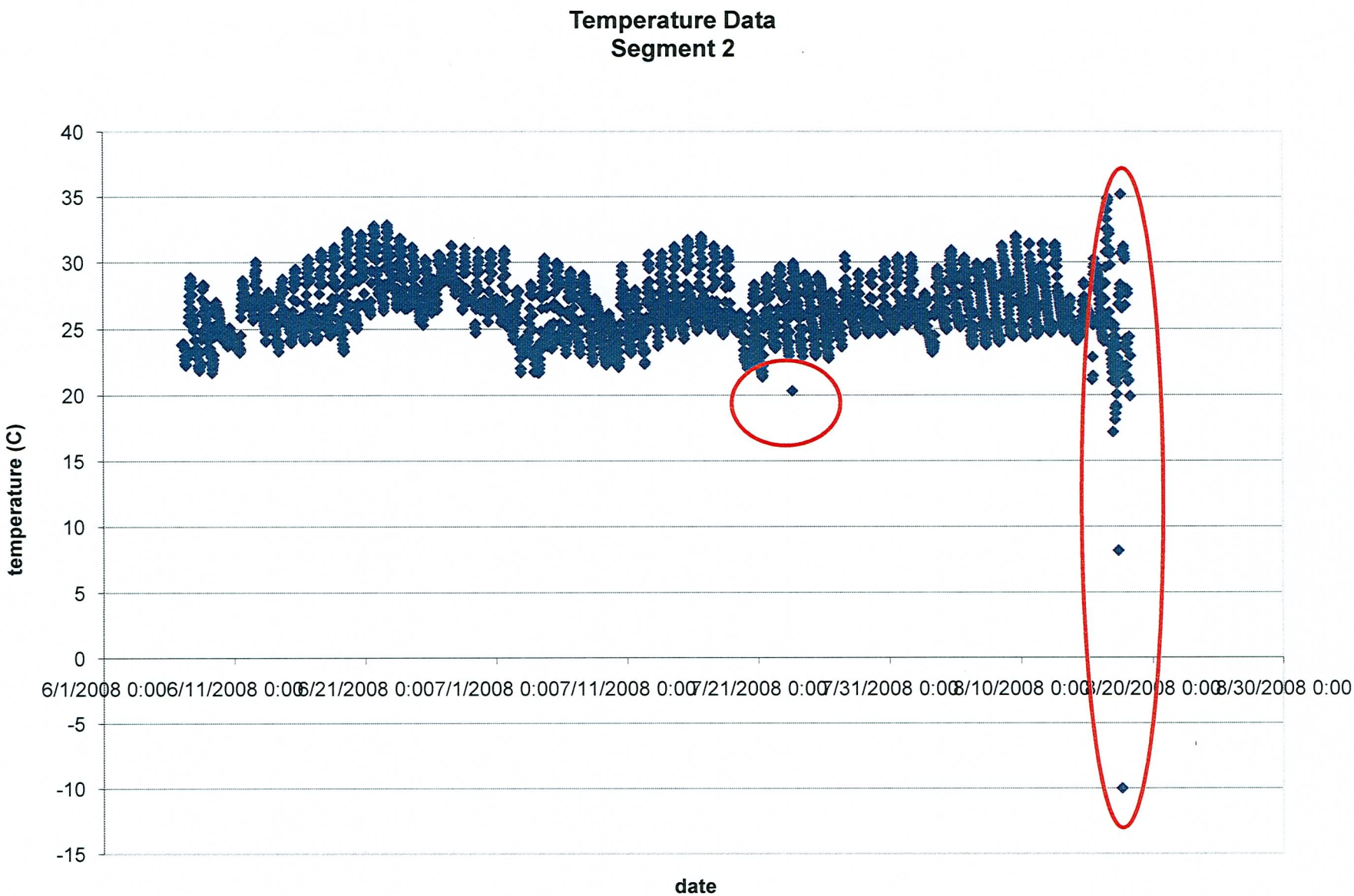

Segment 1 Dissolved Oxygen Data
DO (mg/l)
45
40
35
30
25
20
15
10
5
0
-5
7/31/2008 0:00
8/2/2008 0:00
8/4/2008 0:00
8/6/2008 0:00
8/8/2008 0:00
8/10/2008 0:00
8/12/2008 0:00
8/14/2008 0:00
8/16/2008 0:00
8/18/2008 0:00
8/20/2008 0:00
date

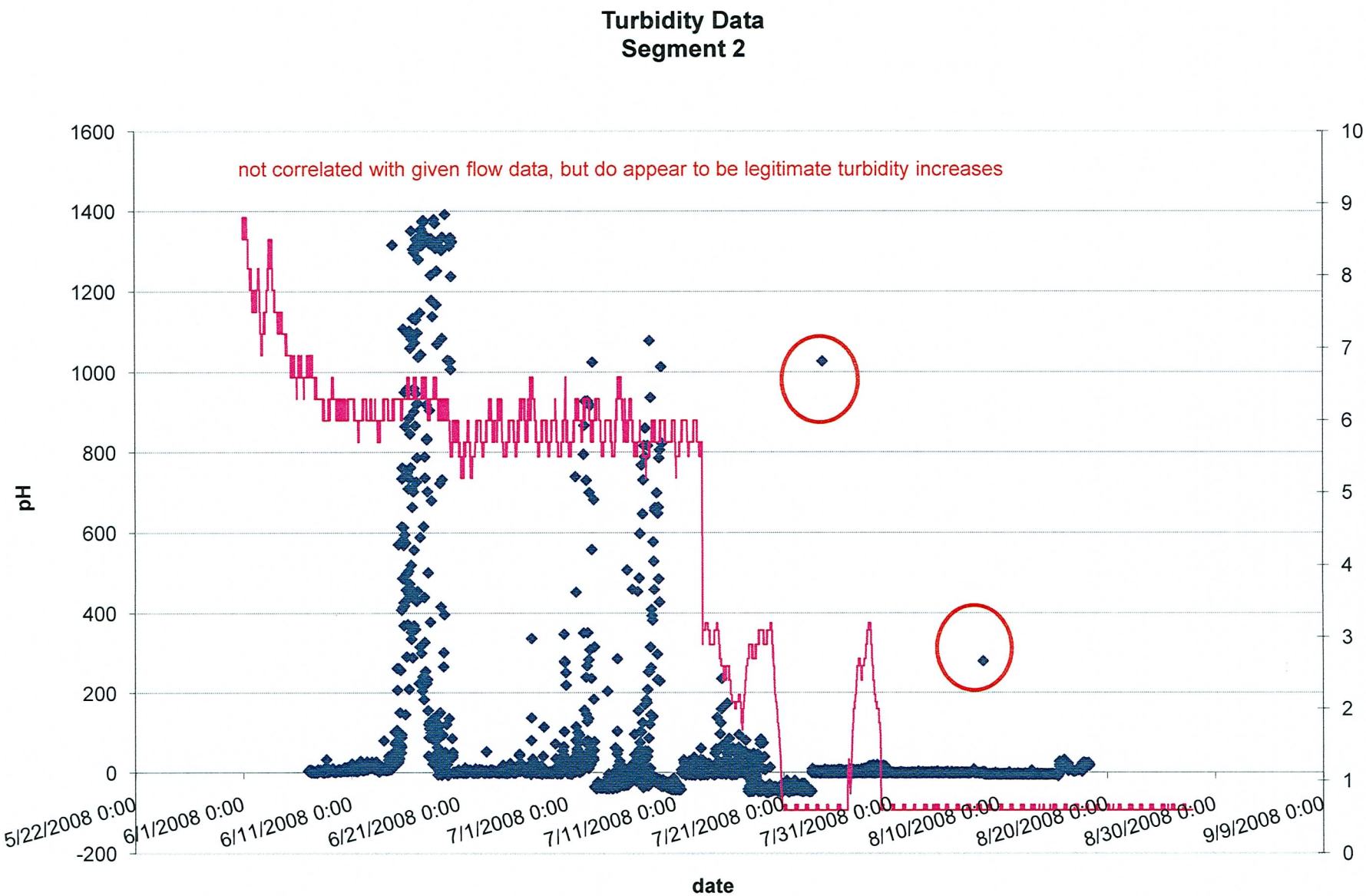

Segment 1 Conductivity Data
EC (mS/cm)
90
80
70
60
50
40
30
20
10
0
approx. weekly clusters…likely due to field calibrations
what is calibration process?
If there is no drift or evidence of bad reading, should not adjust
5/27/2008 0:00
6/6/2008 0:00
6/16/2008 0:00
6/26/2008 0:00
7/6/2008 0:00
7/16/2008 0:00
7/26/2008 0:00
8/5/2008 0:00
8/15/2008 0:00
8/25/2008 0:00
date

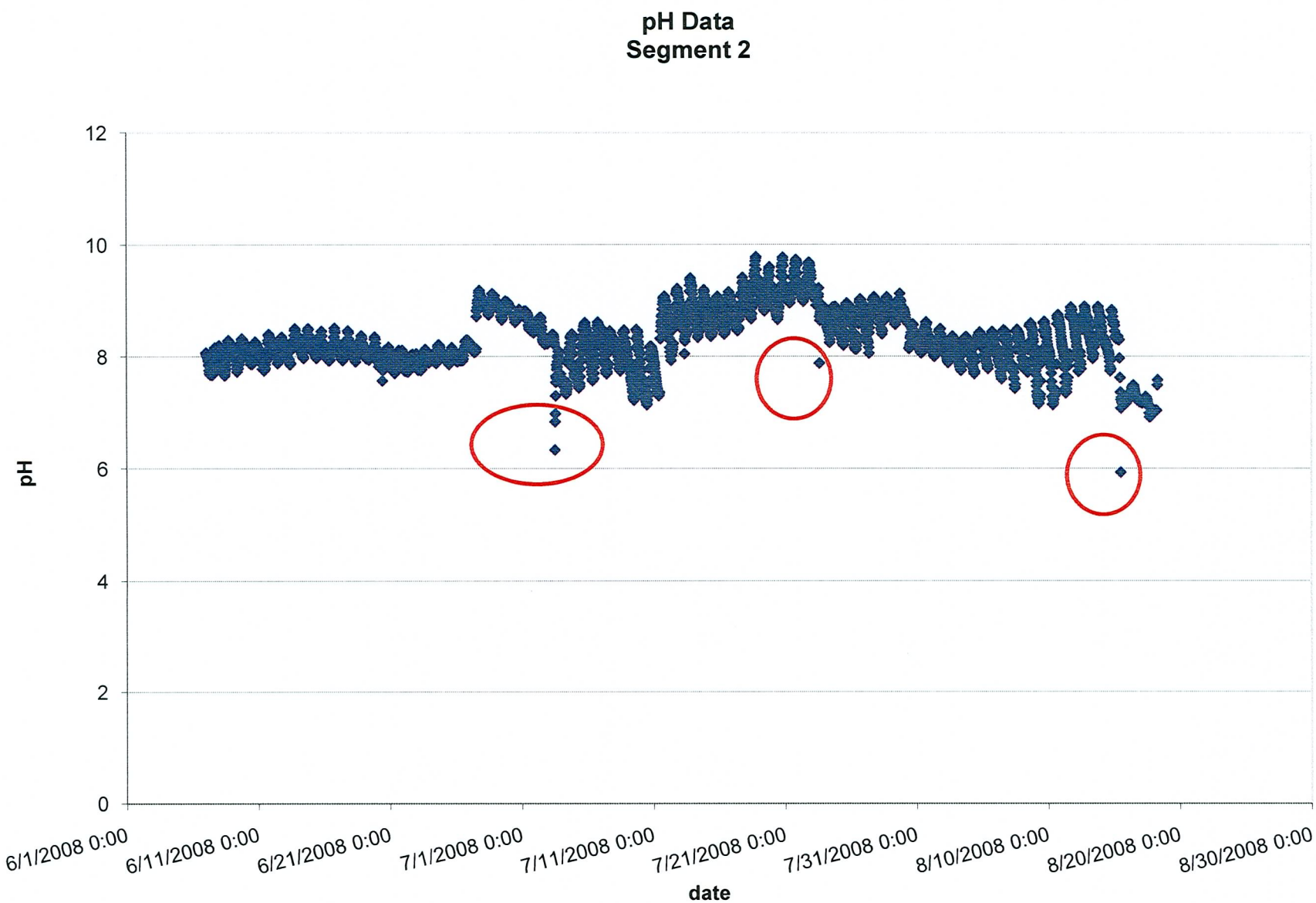

Segment 1 Conductivity Data
EC (mS/cm)
60
50
40
30
20
10
0
6/5/2008 0:00
6/10/2008 0:00
6/15/2008 0:00
6/20/2008 0:00
6/25/2008 0:00
6/30/2008 0:00
date

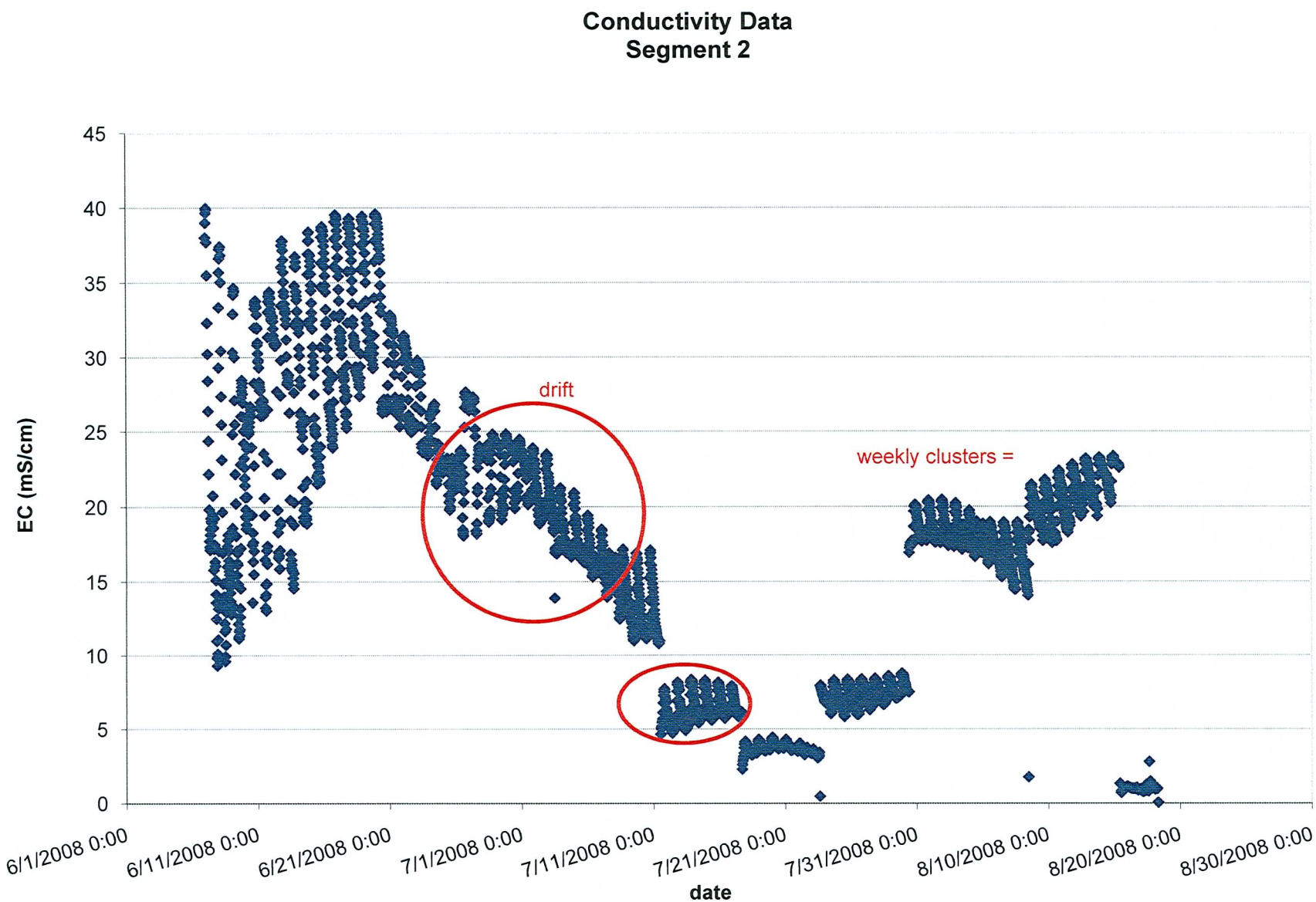

Segment 1 Conductivity Data
EC (mS/cm)
60
50
40
30
20
10
0
7/1/2008 0:00
7/6/2008 0:00
7/11/2008 0:00
7/16/2008 0:00
7/21/2008 0:00
7/26/2008 0:00
7/31/2008 0:00
date

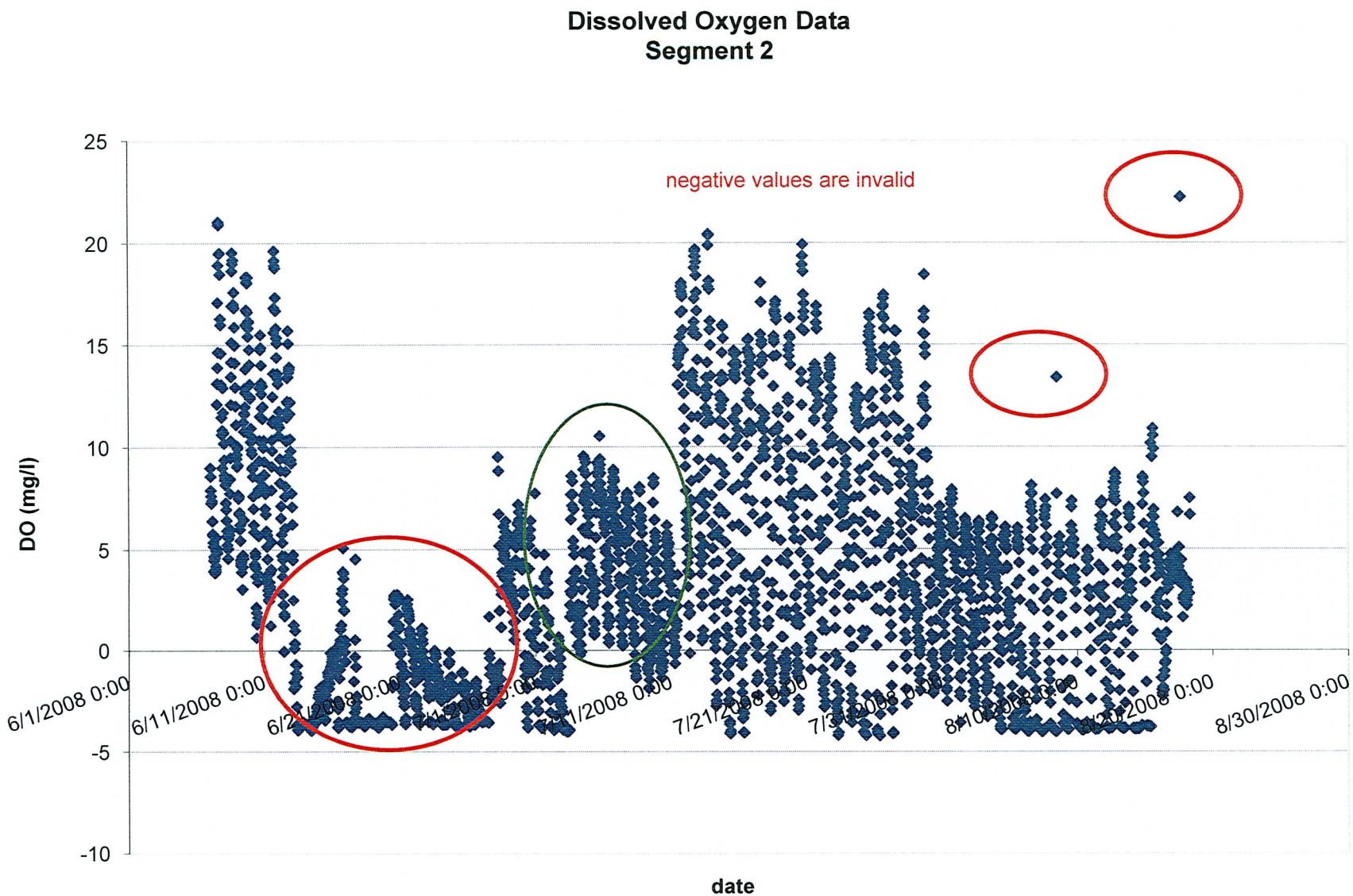

Segment 1 Conductivity Data
EC (mS/cm)
60
50
40
30
20
10
0
7/31/2008 0:00
8/5/2008 0:00
8/10/2008 0:00
8/15/2008 0:00
8/20/2008 0:00
8/25/2008 0:00
date

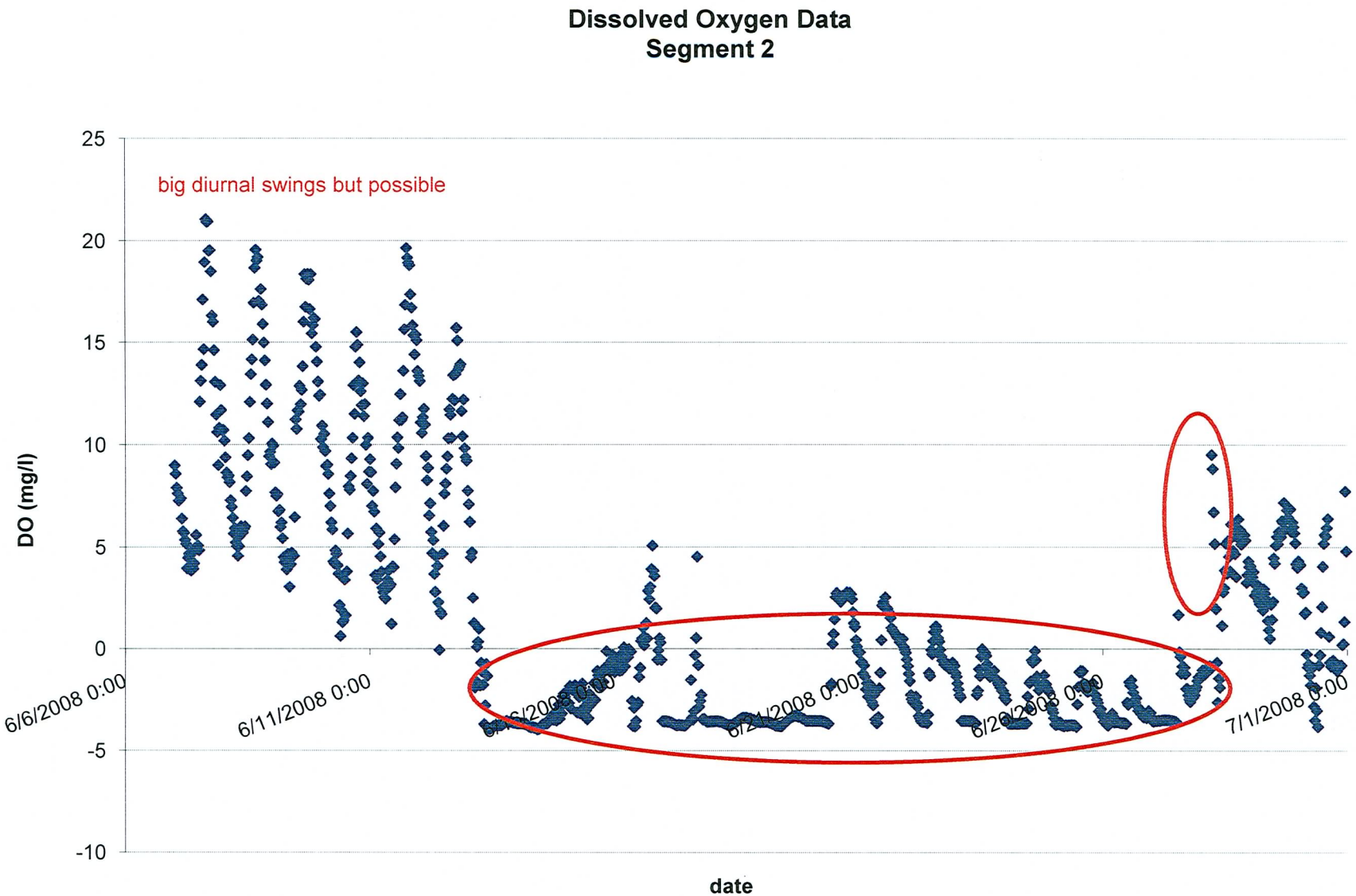

Temperature Data
Segment 2
temperature (C)
40
35
30
25
20
15
10
5
0
-5
-10
-15
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date

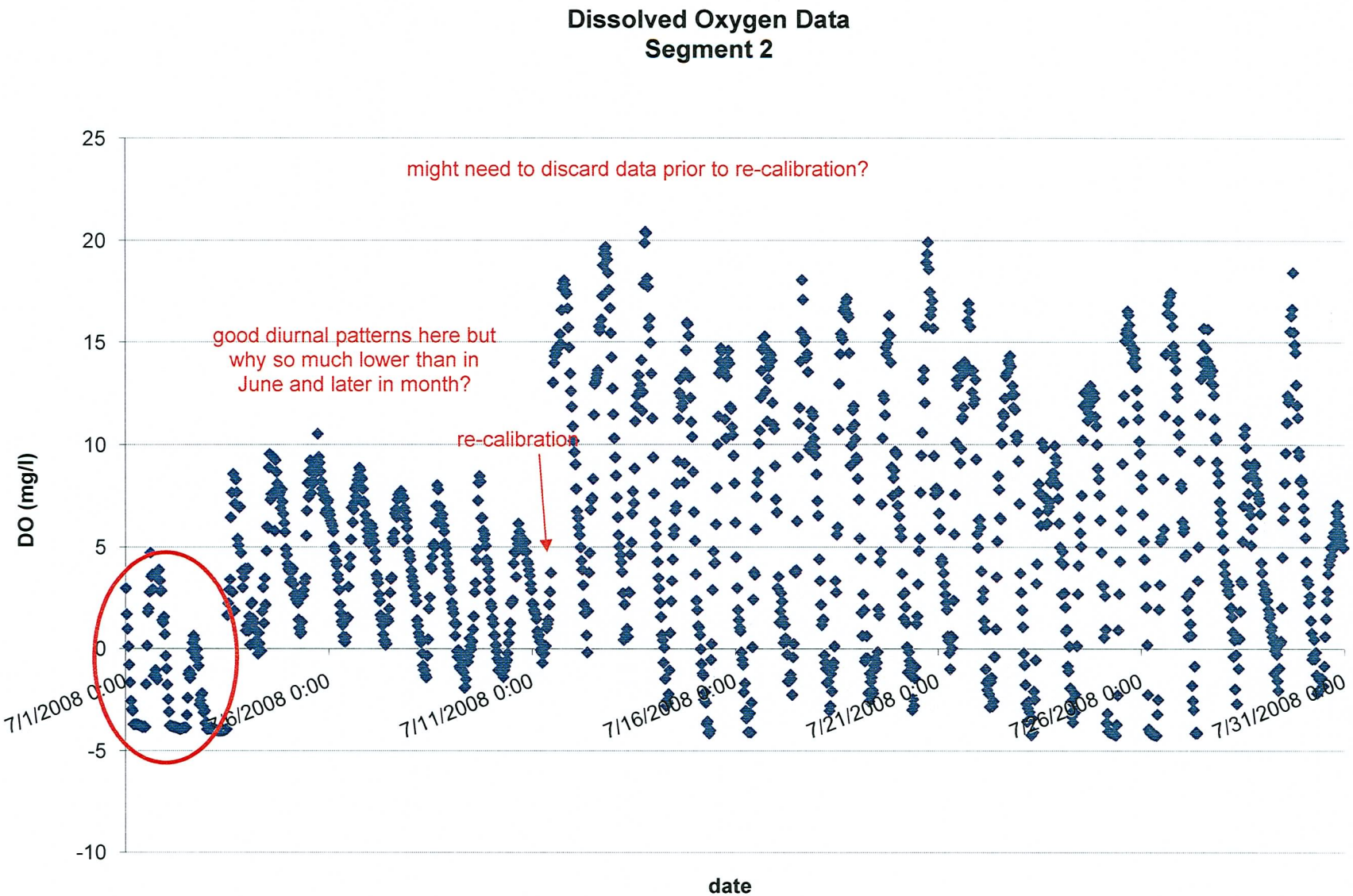

Turbidity Data
Segment 2
not correlated with given flow data, but do appear to be legitimate turbidity increases
pH
date
1600
1400
1200
1000
800
600
400
200
0
-200
10
9
8
7
6
5
4
3
2
1
0
5/22/2008 0:00
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
9/9/2008 0:00

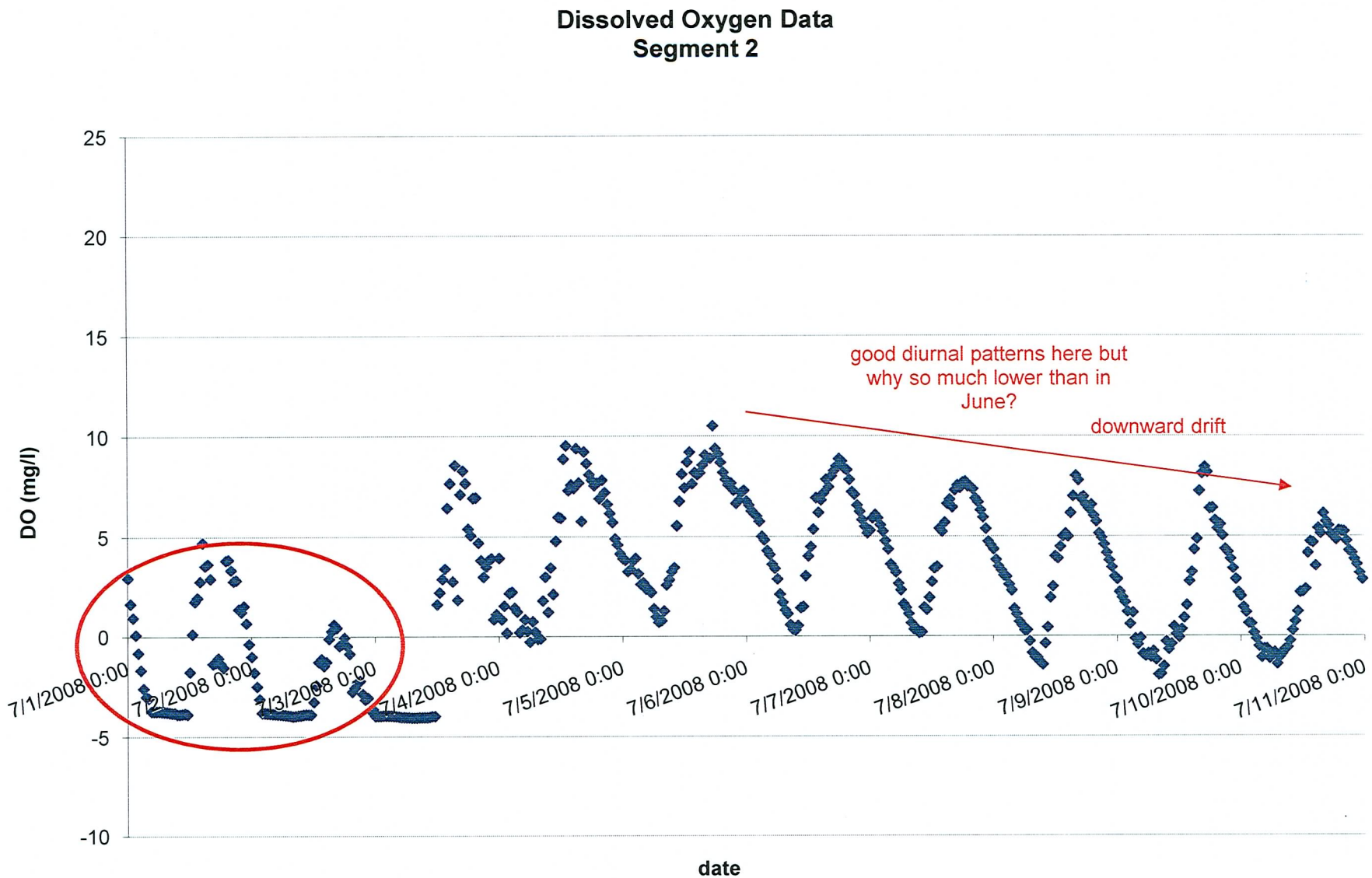

pH Data
Segment 2
pH
12
10
8
6
4
2
0
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date

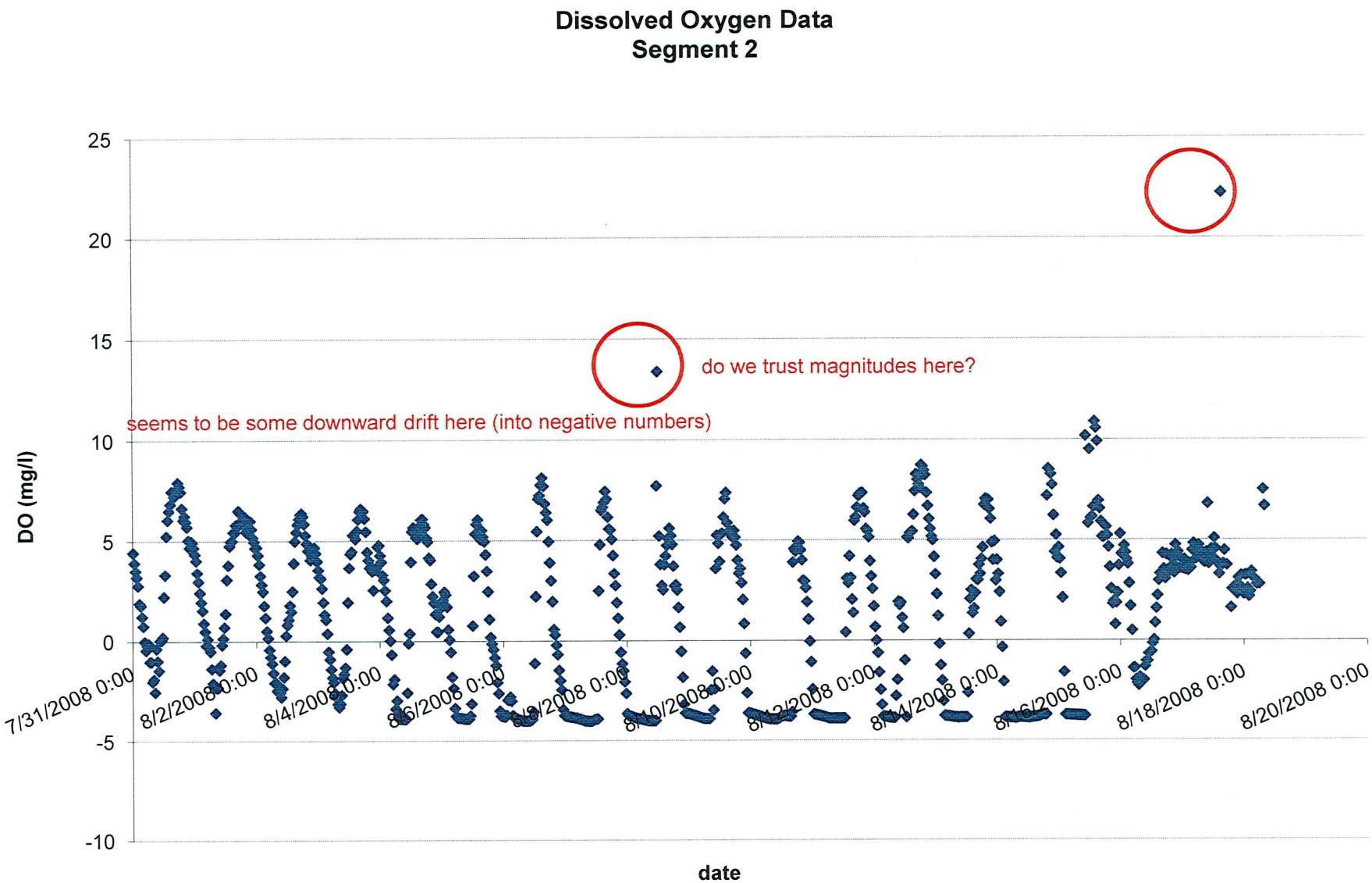

Conductivity Data
Segment 2
EC (mS/cm)
45
40
35
30
25
20
15
10
5
0
drift
weekly clusters =
6/1/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
7/11/2008 0:00
7/21/2008 0:00
7/31/2008 0:00
8/10/2008 0:00
8/20/2008 0:00
8/30/2008 0:00
date


Dissolved Oxygen Data
Segment 2
negative values are invalid
DO (mg/l)
25
20
15
10
5
0
-5
-10
6/1/2008 0:00
6/11/2008 0:00
7/21/2008 0:00
8/30/2008 0:00
date


Dissolved Oxygen Data
Segment 2
big diurnal swings but possible
DO (mg/l)
25
20
15
10
5
0
-5
-10
6/6/2008 0:00
6/11/2008 0:00
6/21/2008 0:00
7/1/2008 0:00
date


Dissolved Oxygen Data
Segment 2
might need to discard data prior to re-calibration?
good diurnal patterns here but
why so much lower than in
June and later in month?
re-calibration
DO (mg/l)
25
20
15
10
5
0
-5
-10
7/1/2008 0:00
7/6/2008 0:00
7/11/2008 0:00
7/16/2008 0:00
7/21/2008 0:00
7/26/2008 0:00
7/31/2008 0:00
date


Dissolved Oxygen Data
Segment 2
DO (mg/l)
25
20
15
10
5
0
-5
-10
7/1/2008 0:00
7/2/2008 0:00
7/3/2008 0:00
7/4/2008 0:00
7/5/2008 0:00
7/6/2008 0:00
7/7/2008 0:00
7/8/2008 0:00
7/9/2008 0:00
7/10/2008 0:00
7/11/2008 0:00
date
good diurnal patterns here but why so much lower than in June?
downward drift


Dissolved Oxygen Data
Segment 2
DO (mg/l)
25
20
15
10
5
0
-5
-10
do we trust magnitudes here?
seems to be some downward drift here (into negative numbers)
7/31/2008 0:00
8/2/2008 0:00
8/4/2008 0:00
8/6/2008 0:00
8/8/2008 0:00
8/10/2008 0:00
8/12/2008 0:00
8/14/2008 0:00
8/16/2008 0:00
8/18/2008 0:00
8/20/2008 0:00
date

Projects

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Oct 8, 2007

1025AM Drive to MB site to install continuous monitoring equipment.

Author: Matt Brookshire

Field Team: Matt Brookshire / Jon Bush

Weather: Sunny, 70°F, slight breeze

Activity: Installation of long-term water to monitor temp and conductance

PPE: Level D

Equipment: Troll 9500, Serial #

1030 Evaluated how to install

1045 Leave to purchase supplies.

1230 Return to site to install equipment

1256 Initiated measurements at 30 minute intervals

1306 Leave MB site to visit lagoon sites.

1336 Left MCB Camp Pendleton - end day.

Matt Brookshire 10/8/07

Oct 11, 2007

1450 Arrive at I-5 lagoon sample spot.

Author: Matt Brookshire

Field Team: Matt Brookshire, Bob Hunt, Jon Bush

Weather: Sunny, slight breeze, 70°F

PPE: Level D

Activity: Installing ISCO 6712, at three locations.

1503. Install ISCO #20IE01140. Used 75 ft of tubing

1600 Leave for Smart Mesa bridge site.

1605 Arrive to set up ISCO #20SA00998. Used 99 feet of tubing.

1652 Leave site.

1653 Matt Brookshire leaving/signing off to Jon Bush.

Matt Brookshire

1715 arrive at Mass Emissions Site set up ISCO #20MA01557 used 25 feet of tubing

1745 Leave MCB Camp Pendleton End of DAY.

10.11.07

November 6, 2007

1615 J. Bush arrives at Mass Emissions site to check data aquisition.
Weather: Hazy, cool
PPE: Level D

1620 Data is being collected as programmed. Extract to PDA. Take photos of tracks near probe.

1630 Leave site.

~~November~~ 12/11/07

~~November~~ 12/11/07 Notetaker: Robert Hunt
Personnel: CDM - Jon Bush, Bob Hunt
Weather: Sunny - windy + cool 50's
Forecast - high upper 50's -
PPE: Level D modified
Instruments: Trimble Recon PDA +
Calibration: NA
Activities: moving intake to ISCO Automatic sampler intake + move hose further into channel

0915 - Meet Jon Bush @ Carlsbad office - then head to Camp Pendleton to move ISCO sampler. → 0945 - @ Mass Emission site - 1st Good set vs 70 lbs purgas gas - when we arrive → transducer is jumbled up. - move transducer into channel and attempt to download data. - transducer will not connect try cable connections - disconnect programs + call Pine Ein for further advice - can not connect transducer → Notify

Robert Hunt - 12/11/07

TUESDAY DECEMBER 11, 2007

Pressure sensor is broken off transducer. - will return to office + recharge PDA - may need to order new cable + air transducer.

* Note - also need new metal support to connect transducer cable + water intake

1030 - Depart site - head to Carlsbad office to drop off Jon Bush

1130 - Back @ San Diego office.

12/11/07

Robert Hunt 12/11/07

FRIDAY DECEMBER 21, 2007

NOTEBOOK / PERSONNEL: CAM - BOB HUNT

Weather - sunny - clear 64°

PPE: Level D modified

Instruments: Mini Troll 9500 - Trimble Recon PDA.

Calibration: NA - none needed

Activities: Download data from transducer to PDA

1420 - Arrive @ Camp Pendleton drive to MB site - download data + check to see if data is on PDA

1520 - Back @ CAM office

12/21/07

12/21/07 Robert Hunt

THURSDAY JANUARY 3, 2008

Notetaker: BHB Hunt
Personnel: CDM - Andy Grancel, BHB Hunt
Weather: sunny - low 60's -
PPE: Level D modified
Instruments: YSI - continuous logging version
Calibrations: NA
Activities: Install YSI probes @ segment site 1, segment site 2, + download data @ mass emissions site

1030 Arrive @ mass emissions site - download data - troll 9500 (1) up + running - downloaded data.
- 1045 - Head to segment site 1 (I-5)
Location - install YSI + secure cable.
1100 - Head to segment site 2
- install YSI - and secure cable..
- 1150 - Leave camp pendleton
Head back to San Diego office.
1235 - Back @ San Diego office

1/3/08

THURSDAY JANUARY 3, 2008

1/3/08

Saturday JAN 5, 2008

NOTETAKER BOB HUNT

PERSONNEL: CDM JON BUSH + BOB HUNT

Weather: rain - moderate 59° -

Forecast light to Heavy rain flooding poss.

PPE: Level D modifies

Instrument - ISCO samplers

Calibration: NA

Activities: Mass Emission, lagoon + ocean inlet sampling - wet weather event.

0700 - leave for office to pick up supplies + truck

0815 - Meet Jon Bush in Oceanside

0900 - start mass emissions site

→ intake not in main flow - not enough tubing

0920 - @ start mesa Bluffs location - 2 errors with distributor arm to ISCO sampler - move on to I-5 lagoon -

0937 - Start ISCO sampler @ I-5 location

0943 - SHOTS FIRED - DUCK HUNTING IN AREA - WILL BE ON ALERT.

0945 - Head to ocean inlet area - Beach sand - there is no water

Robert Hunt 1/5/08

safe to place ISCO sampler - 1 HR to HIDE TIDE - and little area to place ISCO - will need a couple of 100' feet of tubing - + to be on the other side (southside) of inlet where there is higher ground

1020 - Head Back to start mesa location -

1037 - Get ISCO running - start sampling

1237 - @ I-5 Bridge of site - ISCO sampler - RUN - sampler collected - 1 segment 1

1300 - collect sample @ segment 1 FOR - TOTAL + DISS Nitrogen TOTAL + DISS Phosphorus, TSS, BOD + chlorophyll A Ammonium phosph, Ammonium, Nitrate, Nitrite

SM-W1-S1H-1

1400 - collect sample @ segment 2 ~~FOR~~ SM-W1-S2H-1 - FOR FOR TOTAL + DISS Nitrogen, TOTAL + DISS phosphorus, TSS, BOD, + chlorophyll A Ammonium phosph, Ammonium - Nitrate + Nitrite

Robert Hunt - 1/5/08

Saturday ~~December~~ January 5, 2008

1742 – @ Segment 1 (I-5)

SITE –

1750 – start Segment 1 ISCO

1805 – START Segment 2 ISCO

1810 – HEAD TO MASS EMISSIONS SITE

1825 – @ MASS EMISSIONS SITE

1900 – sample MASS EMISSIONS SITE

SM-WL-PG11-1

1910 – SM-WL-PG11-2

1915 SM-WL-PG11-3

1920 SM-WL-PG11-4

1925 – SM-WL-PG11-5

1930 SM-WL-PG11-6

1935 SM-WL-PG11-7

1940 SM-WL-PG11-8

~~[illegible]~~ 1/15/08

ALL sample, collected for NITROGEN, phos, ~~DISS N~~ DISS NITROGEN DISS phosphorus, Nitrate, nitrite Ammonium, soluble reactive phosphorus TSS, BOD, + chlorophyll

1/15/08

ATTEMPT TO collect ~~[illegible]~~ additional sample – intake + TUBING is ~~[illegible]~~ clogged with sand – UNABLE

Robert Hunt 1/15/08

Saturday January ~~December~~ 5, 2008

TO collect water sample – Due to conditions – Heavy stream flow – unsafe condition to retrieve + set up again.

0945 – Pack up and head to segment site 1 TO collect lower hole samples.

1/15/08

Robert Hunt – 1/15/08

Saturday January 5, 2008

2100 - @ segment SITE 1 - FOR SLACK LOW TIDE SAMPLING

2120 - Sample - SM-W1-S1IL-1 FOR - nitrogen, phosphorus (TOTAL & DISS) nitrate, nitrite, ammonium + sol react phosphorus, TSS, BOD, + chlorophyll

2125 - COLLECT DUPLICATE SAMPLE SM-W1-S1IL-3 - @ segment site 1 FOR nitrogen, phosphorus, (TOTAL & DISS), nitrate, nitrite, ammonium, sol. react. phosphorus, TSS, BOD, + chlorophyll

2200 - @ segment SITE 2 start mess BRUNCH

2215 - collect - SM-W1-S2IL-1 FOR ~~nitrate, nitrite,~~ nitrogen, phosphorus, (TOTAL & DISS) nitrate, nitrite, ammonium, soluble reactive phosphorus, TSS, BOD, + chlorophyll.

- ISCO sample @ segment site 2 is representing problems

- Robert Hunt - 1656

Saturday January 5, 2008

- NOT SUFFICIENT VOL TO COLLECT FULL VOLUME FOR all parameter
- collect FOR NUTRIENTS LOT then BOD, TSS, - last - chlorophyll - may NOT BE enough volume FOR chlorophyll analysis.

2230 - Finished sampling - Depart Camp Paddleford → drop off Jan Bush @ vehicle.

2305 - arrive @ San Diego office - DROP OFF samples on ice @ OFFICE - will PACK individual coolers for labs on Monday

2335 - Finished for day - leave OFFICE FOR Home.

Robert Hunt - 1656

1/27/2008

Activity: Santa Margarita River Stormwater Sampling
Crew: Jake Dunk, Jon Busch
Weather: Cool, wet

0730 - meet at Carlsbad office. Get field vehicle.
0800 - stop at store for supplies
0815 - Reached entrance at Camp Pendleton, main back. Drove to Las Pulgas gate.
0845 - At ME Site.
0850 - Start ISCO at ME Site collecting a 1L sample every 0.5 hours
0915 - At Stuart Mesa Bridge (Section 2)
0930 - Start ISCO: Sample (200ml) every 15min for 3hrs.
0945 - At I5 segment (1)
0950 Start I5 ISCO: sample (200ml) every 15 minutes for 3 hours
1005 At Ocean inlet
1025 Start Ocean Inlet ISCO: collect 200ml every 15 minutes/3 hours.
JB 1/27/08

1045 - Get ice and supplies on base. Take lunch
1230 - at Stuart Mesa Bridge to collect sample.
1245 - Collect SM-W2-S2HI-1
1300 - At I-5 bridge, collect sample.
1310 - Collect SM-W2-S1HI-1
1320 - Collect SM-W2-S1HI-2
1345 - at Ocean Inlet
1355 - Collect SM-W2-OIHI-1
1415 - at I-5 Bridge location to install batteries in ISI sonde.
1420 - Water level too high to service sonde. Prep bottles/labels for Latrobe samples
1530 - to store for supplies. Label bottles for ME samples
JB 1/27/08

1/27/08 continued.

1720 - arrive at Stuart Mesa Bridge (Sec. 2). Isco pulled on it's side from bridge and sample line being pulled from the current.

1745 - collect grab sample at Stuart Mesa bridge (SM-W2-S241-1)

1820 Retrieve ocean inlet Isco from beach and bring back to I5 bridge for cover. Raining hard.

1845 Collect samples from I-5 (Section 1) and Ocean inlet Iscos.
SM-W2-S141-1
SM-W2-O141-1

1930 At Mass ammitions site to collect pollutograph samples.

2100 - All pollutograph samples at MCE site collected. To Carlsbad to pick up personal vehicles.

2140 At Carlsbad office END OF Day.

1/27/08

1/30/2008

Activity - Santa Margarita River Index Sampling

CDM - J. Dunk, J. Bush

Weather - Cool, Overcast

0600 - Dunk and Bush arrive at Las Pulgas Parking lot. Check in w/ guards. Proceed to Section 2 (Stuart Musa Bridge)

0645 - At Section 2, install batteries into YSI SONDE

0715 - Program Isco for delayed start. Collect 3 samples starting at 0930 (0 min, 15 min, 30 min)

0810 - At I-5 Kreise, Section 1. Install YSI SONDE batteries

0820 - Program Isco for 0930 delayed start. Collect samples at 0 min, 15 min, 30 minutes.

0845 - At Ocean Inlet. Deploy Isco.

0900 - Matt Brookshire, Thomas Lowe, Carlos Melvin, and onsite.

1/30/08

0915 - Brookshire directs us to recheck Isco sampler intake to surf. Brookshire and others leave site. Bush and Dunk remain.

0920 - Isco moved to beach and first of 3 samples collected (0 min)

0950 - Collected Ocean Inlet sample SM-IID1-OIL-1

1000 - At I-5 (Section 1) Collect Sample SM-IID1-S1L-1

1015 - Program I-5 Isco for high tide sample. Get supplies from Las Pulgas lot. Lunch

1200 - At NE Site. ~~Collect~~ Retrieve Sample SM-IID1-NEL-1 (Sample time = 1010)

1217 - At Stuart Musa Bridge (Section 2) to retrieve sample SM-IID1-S2L-1 Sample time = 1220

1/30/08

1/30/08 continued

1330 - At Ocean Inlet. Set up to collect High tide sample. Prep Bottles and Labels

1350 - Collect SM-I1D1-OH1 at Ocean Inlet

1400 at Section 1, collect SM-I1D1-S1H-1

1420 Collect samples SM-I1D1-S2H-1 and SM-I1D1-MEH-1

1540 - No V/SI Sonde data at Section 2 Resistant log.

1610 - At ME site. Replace liner and program for 2am High-tide sampling.

1645 At Las Pulgas finishing lab. Prepare samples for courier

1700 Dunk leaves for day. Bush gets supplies.

1800 Bush meets owner.

End of Day

1/30/08

1/31/08

Activity: Twelve Sampling Day 2
SMR, Camp Pendleton
CDM: J. Dunk, J. Bush
Weather: Clear, Cool (50s)

0700 - Bush, Dunk arrive at Las Pulgas site.

0745 - At ME Site. No sample in composite bottle. Check/Download sonde data.

0810 - Collect SM-I1-D2-ME1. Go Las Pulgas for supplies

0935 - At Section 2. Retrieve last night's sample (0210 time) SM-I1D2-S2H-1. Start ISCO to collect low tide sample (SM-I1D2-S2L-1)

1000 - ~~Flat tire~~, RR, Richard jump from CDM CCR patch ~~tire~~.

1130 - At Bay auto rental for

1/31/08 JB

1/31/08 continued

1230 - cont. - tide swap
- lunch
- Call CRG, meet 2:00 pm courier to 1600.

1315 - At Ocean Inlet to retrieve high tide sample from last night. Sample time = 0200. Sample ID = SM-I1D2-01H-1
Set 1500 to sample tonight at 0200 for Ocean Inlet Day 3 High tide sample
SM I1D3-01H-1
Missed low-tide today (Ocean) due to flat tide.

1400 - Retrieved High Tide 75 sample from last night
SM-I1D2-S1H-1
Sample time: 0220
Retrieved low tide sample
SM-I1D2-S1L-1 time = 1150
1/31/08 [illegible]

1430 - At Section 2 (Stuart Neck Bridge)
Retrieve SM-I1D2-S2L-1
Sample time = 1000
Set up ~~[illegible]~~ for 0200 sample for D3 High tide.
Prep samples for courier

1540 - At Las Pulgas Lot
Drink leaves for day

1600 - J. Bush meets CRG courier.
END of Day

1/31/08

2/1/2008

Activity - Tracer Sampling
Day 3
SMR, Camp Pendleton

CDM - J. Dunk, J. Bush
Weather - Clear, cool

0730 - Dunk and Bush at Las Pulgas lot. Stock vehicle.

0745 - Stop at MCB gas station for ice.

0800 - Collect sample at ME site.
(SM-11D3-ME-1)

Sample Times 2/1/2008

SM-11D3-ME-1	0800
SM-11D3-OIH-1	0230
SM-11D3-OIL-1	1000
SM-11D3-S1H-1	0210
SM-11D3-S1H-2	0220
SM-11D3-S1L-1	1010
SM-11D3-S2H-1	0200
SM-11D3-S2L-1	1020

0915 - at Station 2 to retrieve sample from high tide and program Tsco for low tide

0935 - at Station 1 to retrieve sample from high tide and program Tsco for low tide sample

1000 - At Ocean Outlet to retrieve high tide sample from ~~High~~ ~~tide~~ 0230 last night and collect low tide sample today.

1105 - At Station 1 (I-5) to retrieve low tide sample.

1120 - At Station 2 (Stuart Mesa Bridge) to retrieve low tide sample.

1200 - Pulled MS1 sonde, will calibrate, reprogram, redeploy on Day 4 of Tracer Sampling.

1230 At Las Pulgas lot. Dunk takes Tracers and Samples for MWA + MST. Dunk leaves.

1400 J. Bush meets CRB Cadre.

End of day

2/1/2008

2/5/2008

Activity: SMR Field Prep for Index Sampling

CDM: J. Dunk, J. Bush

Weather: Clear, warm

12:30 - Dunk and Bush meet at Las Pulgas Gate

1300 - Arrive at Section 2. Reinstall SONDE, start logging

1400 At Section 1 (1.5 Buoy)
- Check probe
- Prep Jeep to sample at high tide in early morning.

1425 At Ocean Outlet to display Jeep for morning sampling.

1500 At Las Pulgas gate for POV.

1530 Bush leaves field stuck at Cardiac office.

End of Day 2/5/08

2/6/2008

Activity: SMR Index Sampling Day 4

CDM: J. Dunk, J. Bush

Weather: Clear, Cold.

0700 - Bush and Dunk meet at Las Pulgas gate. Will stop at base gas station for ice.

0740 - At ME Site for sample collection.

0745 Collect SM-I1D4-ME-1

DAY 4 Sample Times

SM-I1D4-ME-1	0745
SM-I1D4-S2H-1	0600
SM-I1D4-S1H-1	0610
SM-I1D4-S1H-2	0620
SM-I1D4-S1L-1	1200
SM-I1D4-S2L-1	1210
SM-I1D4-O1H-1	0630
SM-I1D4-O1L-1	1130

2/6/08

2/6/08 continued.

0850 - At Section 2 to Retrieve sample and set up ISCO for low tide sample.

0910 - At Section 1 to retrieve high tide sample and set up ISCO for low tide sample.

0930 - At CDM Trailer to ask about vehicle/equipment storage. Tony is person who will coordinate getting a key (Tony Arey). Will allow vehicle storage and equipment storage inside 40' container marked #1.

1000 - to meet Brian Shin at Base Environmental to exchange radio.

1100 At Ocean Inlet to retrieve high tide sample and collect low tide sample.

1245 At Section 1 to retrieve low tide sample.

2/6/08

1315 - At Section 2 to retrieve low tide sample.

1400 - At Las Pulgas gate. Pack coolers for carrier.

1415 Drive leaves for supplies. Bush to Carlsbad to drop off filled tubes.

1600 - Bush meets courier and drop. END OF DAY

2/6/08

2/7/2008

Activity: SMR Tudor Sampling
Day 5 Camp
Pendleton, Co.
CDM - A. Grazel, J. Bush
Weather - Clear, Cold -

0700 - Grazel and Bush arrive at Cas Pulgas Gate.
0730 - Meet Dave Dunk and Thomas Lowe at Section 1 to swap needed equipment
0820 At ME site
0845 Collect SM-I1D5-ME-1

Sample Times 2/7/08

SM-I1D5-ME-1	0845
SM-I1D5-D1H-1	0500
SM-I1D5-D1L-1	1250
SM-I1D5-S1H-1	0510
SM-I1D5-S1L-1-MS/MSD	1300
SM-I1D5-S2H-1	0520
SM-I1D5-S2L-1	1315
SM-I1D5-S1H-2	0530

2/7/08

2/7/2008 continued.

1000 - At Section 2 to retrieve high tide sample and set Isco to sample low tide
1020 - At Section 1 to retrieve high tide sample and set Isco to collect low tide sample.
1150 Get ice from main gate store
1220 At Ocean Inlet to retrieve high tide sample, collect low tide sample, and set up Isco for morning sampling
1220 Sample lost, Water collected outside liner.
1250 Collect grab sample at Ocean Inlet for low tide
1430 At Section 1 to retrieve sample and set up Isco for overnight high tide sampling.
1500 At Section 2 to retrieve sample and set up Isco

2/7/08

2/7/2008 [illegible]

1540 - At Las Pulgas lot to drop Creazell at his truck.

1600 - Meet Lonnie at Prop

1620 - Jake Dunk and Thomas have arrive with samples for CRG from transect sampling (Weston).

1630 J. Bush at Carlsbad CDM

END of Day

2/7/08

2/8/2008

Activity: SMR Tucker Sampling, Day 6

CDM: J. Dunk, J. Bush

Weather: clear, cool

0700 - Dunk and Bush arrive at Las Pulgas lot. Get ice at gas station.

0800 - At NE Site. Collect SM-I1D6-NE-1

Sample Times 2/8/2008

SM-I1D6-NE-1	0800
SM-I1D6-01H-1	0630
SM-I1D6-01L-1	1130
SM-I1D6-S1H-1	0610
SM-I1D6-S1L-1-MS/MSD	1210
SM-I1D6-S2H-1	0640
SM-I1D6-S2L-1	1200
SM-I1D6-S1H-2	0620

0930 At Section 2 to retrieve High-tide sample and program DSLD.

2/8/08

 2/8/2008 cont.

0950 - At Section 1 to retrieve High-Tide sample and set ISCO to sample low-tide.

1010 - at Ocean inlet to retrieve High-tide sample and collect low-tide sample

1135 - at Environmental office to meet Brian Shin.

1150 - At Storm Drain collection point

1200 - Collect SM-11-SD-1

1310 - At Section 2 to retrieve low-tide sample

1325 - At Section 1 to retrieve low-tide sample (MS MSD).

1410 - Consolidate loop in truck

1430 - Prep samples for lab courier.

~~1530~~ 1530 Dude leaves for day.

1530 - Meet courier at drop

End of Day

2/8/08

SMR - Sonde Maintenance

Camp Pendleton, Ca.

CDM - Andy Greazel, Jon Bush

Weather - clear, warm.

1350 - At ME Site. Probe adjusted and reset in stream bed. Sonde was not logging data. A new test was set up but never started

1400 - Start Test "ME" will return to check status.

1420 - At Section 2 sonde Download data.

1430 - At Section 1 sonde. Data download shows DO readings at 500% for a few days. Clean probe, change batteries, re-calibrate DO.

1500 - DO probe will not calibrate. Re-build probe with kit in case.

3/19/08

3/19/2008 continued.

1600 Probe rebuilt and calibrated to 110% DO. Instructions designate 100% as correct calibration. 110% is closest we can get after several tries.
Redeploy sonde East of T5 bridge in a location that looks like it will be less affected by tide changes.

1630 - Verify that sonde is logging

1640 - Andy G. and Jon B. leave site.

1700 - at NE Site to check logging status.
Sonde is logging but date/time is incorrectly informed to 1/10/1999. Stop logging, reset date, restart logging at 1716.

1750 - Verify correct logging.
Leave Camp Pendleton
3/19/08

3/24/2008

SMR Sampling Trip 2
Camp Pendleton, CA
CDM - R. Cholas, J. Bush
Weather - clear, warm

0700 - arrive at CDM yard to stage supplies

0730 - at S2 to set up ISCO

0750 - at S1 to set up ISCO.

0825 at NE Site. program ISCO. Start manually

Day 1 Sample Times

SM-IZDI-NE1	- 0850
-S2H-1	- 1000
-S1H-1	- 1010
-O1H1-1	- 1100
-S1H-2	- 1200 - JB Did not collect
-S2L-1	- 1500
-S1L-1	- 1510
-O1L-1	- 1520
JB (O1L-1)	

Did not collect SM-IZDI-S1HZ due to inadequate water volume
3/24/2008

3/24/2008 cont.

1015 - at Ocean Inlet.
Prep & sample.
Calibrate Horiba

T° (C)	Con S/cm	Tur (NTU)	DO	pH
15.3	4.54	0.0	9.43	3.98

1035 Ocean inlet water quality parameters

T°	Con	Tur	DO	pH
14.4	54.9	8.5	7.81	8.4

1100 collect sample. ~~SM-12D1-1~~ SM-12D1-D1H-1

1200 at S1, collect sample

1220 at S2, collect sample.

1300 lunch. plan for tomorrow. fill out sample labels. Will collect Duplicate for Low Tide sample at S1. SM-12D1-S1L-2. collection time will be 1510.

3/24/08

3/24/08 continued.

1430 at S1. Prepare sample bottles for all three samples.

1515 - at S2 to collect low tide sample.

1600 - at ocean inlet & collect low tide sample. (see grid for sample times) Water quality Measurements

T°	Con	Tur	DO	pH

1620 No measurements. Horiba U-22 is inoperative. Error message = "Type Err" All solutions from manual attempted. Will replace as soon as possible. Collected Ocean low tide as noted on grid.

1645 Secure Jeep and supplies. Leave ocean inlet.

3/24/08

3/24/08 cont

1700 prep samples for courier at CDM YARD.

1800 meet courier. relinquish samples.

END of Day

3/24/08

3/25/2008

Santa Margarita Lagoon Sampling Day 2 Event 2

CDM - R. Chalas, J. Bush

Weather - Cold, overcast.

0745 - At CDM yard for supplies.

0805 - At ME site to collect sample SM-I2D2-ME-1

Day 2 Sample times

SM-I2D2-ME-1	0830
-S2H-1	1015
-S1H-1	1005
-O1H-1	1105
-S2L-1	1350
-S1L-1	1450
-O1L-1	1545
-S1H-2	1010

0915 - to store for ice and QV batteries

3/25/08

3/25/2008 mt.

0930 - at S2. Program Isco for High tide sample.

0940 - at S1. Will collect sample by hand. Isco tube is not long enough to reach stream channel. Recent sedimentation has buried intake.

1045 at ocean inlet for high tide sample collection. Will wade in as we did at S1 location.

1055 Calibrate Horiba U-22. It is working this morning. Never found problem from yesterday.

	T(C)	Con	Turb	DO	pH
Calibration	4.46	0.4	10.5	3.95	

3/25/08

3/25/2008 mt.

1100 - Water quality readings

T°	Con	Turb	DO	pH
15.3	51.5	68	8.0	8.26

1145 Retrieve high tide sample from S2.

1315 Meet Brian Shin to swap radio.

1400 at S2 to retrieve low tide sample.

1535 at ocean inlet to collect low tide sample. Water quality readings

T° C	Con	Tur.	DO	pH

1540 Horiba U-22 in operation while wading in ocean. No parameters.

3/25/2008

3/25/2008 cont.

1615 at S1 to check sonde data.

1623 at ~~ME~~ S2 to check sonde data.

1645 at ME site to check sonde data.
All samples running and data to 3/25/08 downloaded.

1705 at CDM yard.
Get coolers ready for courier. Pick up POV

1800 meet courier. Relinquish samples.
End of Day

3/25/2008

3/26/2008

SM8 - Index 2 Sampling.
Camp Pendleton, CA.
CDM - J. Bush, R. Chokas
Weather - cool, overcast

0745 - Enter Las Pulgas gate. Were told DOD decals no longer acceptable at main gate. Initially refused entry at Las Pulgas gate due to high volume of CDM employees w/ no Rapidgate pass. Were let through after some conversation.

0800 - At CDM yard for supplies.

0830 - at ME site to collect sample.

0945 - at Section 2 Program for high tide sample.

1000 - at S1. Prep to manually take composite sample for high tide.

3/26/2008

3/26/08 cont.

Sample times 3/26/08

SM-I2D3	ME-1	0855
" "	-S1H-1	1000
" "	-S2H-1	1115
" "	-O1H-1	1125
" "	-S1H-2	1030
" "	-S1L-1	1440
" "	-S2L-1	1430
" "	-O1L-1	1535

1105 at Ocean Inlet to collect composite high tide sample

1115 Calibrate Horiba U-22

T°C	Con	Tur	DO	pH
14°C	4.46	0.0	10.23	3.94

1120 Water Quality Reading

T	Con	Tur	DO	pH
15.6	52.5	1.2	8.0	8.37

3/26/08

3/26/08 cont.

1200 - At S1 to collect High tide sample.

1415 - at S1 to collect manual composite low tide sample.

1515 at Ocean Inlet for low tide composite. Attempt to calibrate U-22. Horiba calibrated in AM. Powered on and reading normally

1530 Water Quality Reading

T	Con	Tur	DO	PH
18.5	45.5	11	8.01	8.56

1615 at S2 to collect low tide sample.

3/26/08

3/26/2008 cont.

1640 at CDM Yard. Prep samples for courier. Unloads gear.

1730 Meet courier and relinquish samples. To store for silicone tubing, gloves, tape.

End of Day

3/26/08

3/27/2008

SMR - Tudor 2

Transect Sampling

CDM - Thomas Lo, Jon Bush

Weather - overcast, cool.

0515 - Lo and Bush arrive at Las Pulgas gate.

0530 - at CDM yard to get samples.

0600 - at SZ, waiting for Weston crew

0605 - Weston arrives. Transfer bottles and instructions

0630 Weston in water.

0805 - First samples from Weston transect 7-12 low tide. Begin bottling

0910 - Transect 1-6 low tide Begin bottling

1010 - Pack coolers for courier

3/27/08

3/27/2008 cont.

1305 Transect 12-1 high tide at truck. Begin bottling.

1420 Transect 1-6 high tide at truck. Begin bottling.

1515 Prepare samples for courier.

1530 Leave transect site to meet courier. Thomas leaves site for day.

1630 at yard w/ supplies. Transfer to storage.

End of Day

3/27/08

3/31/2008

SMR Tides 2 Day 4

CDM - J. Bush, R. Cholas

Weather - cloudy, cool

0800 - at CDM yard. Loading supplies. Organizing truck.

0830 - Out the at Santa Mesa Preserve.

0840 Program S2 Tow for low tide sample.

3/31/08 Sample times

SM-I2D4-	S1L-1		0930
"	"	S2L-2	0945
"	"	(OIL) S3L-1	1020
"	"	ME - MS/MSD	1145
"	"	S1H-1	1500
"	"	S1H-2	1510
"	"	S2H-1	1425
"	"	O1H-1	1545

0910 at S1 to collect original composite sample. Regular dirt access road off of

3/31/08

3/31/2008 wnt

wnt - Stuart Mesa Rd closed due to Haz waste cleanup. Take Stuart Mesa to access Hq. by recruit depot

1000 - at Ocean Outlet for manual composite sample

1010 - Calibrate Horiba. Replaced unit from last week due to afternoon malfunctions

Calibration

T°	Con	Tur	DO	pH
15	4.48	0.2	9.87	4

Ocean Outlet Readings

T°	Con	Tur	DO	pH
16.2	36	75	9.3	7.9

3/31/08

3/31/08 wnt

1100 - at S2 to collect low tide sample

1125 - at NE site. Collect NS/NSD

1355 - Storm Drain sample collected SM-IRSD-1

1415 - to CDM yard for supplies.

1435 - at S1 to collect manual composite high tide sample and duplicate

1540 - at Ocean inlet for manual composite high tide sample.

Calibrate Horiba

T°	Con	Tur	DO	pH

Calibrated in morning

3/31/08

3/31/08 cont.

Water Quality readings

T°	Cond	Tur	DO	pH
17.9	47.4	40	9.81	8.0

1635 - at S2 to collect high tide sample.

1700 - at cond yard. Prep samples for lab. Replenish supplies.

1810. Meet courier to relinquish samples.

END of Day

3/3/2008

4/1/2008

SMR Index 2 Day 5
Camp Pendleton Ca.
J Bush R. Chojas

0730 - at cond yard. Prep truck for day

0900 - at S2. Program Iso for low tide sample.

Day 5 Sample Series

SM.	J2D5	- S1L-1		0945
"	"	- S2L-1		0930
"	"	- O1L-1		0940
"	"	- ME-	MS/MSD	1330
"	"	- S1H-1		1635
"	"	- S1H-2		1640
"	"	- S2H-1		1600
"	"	- O1H-1		1545

0815 - at S1. Program Iso to collect 0945 sample.

4/1/2008

4/1/2008 cont.

0830 - To gas station to fuel field vehicle.

0915 - at Ocean inlet to collect manual composite. Note: S1 had sufficient flowing water to collect w/ Isco as automated composite. Calibrate Horiba U-22

T°	Con	Tm	DO	pH
9.2	4.53	3.2	11.7	3.9

Water Quality Readings

T°	Con	Tm	DO	pH
14.5	42.7	83	10.66	7.3

1012 - at S1 to collect low tide sample

1030 - at S2 to collect low tide sample

4/1/08

4/1/2008 cont.

1050 - Meet David Vile at LDN yard for Rapidgate Process.

1330 - at NE Site to collect MS/MSD sample

1330 - Downloads NE Smoke data.

1430 - To Environmental Management to exchange radio.

1500 - at ocean inlet to collect High tide sample

T°	Con	Tm	DO	pH
17.1	42.6	198	9.12	7.8

1630 - at S1 to collect normal and duplicate high sample

1715 - at S2 to collect high tide sample

1730 - at yard, Prep samples.

4/1/08

4/01/2008 cont.

1800 - meet courier. Relinquish samples.

END of Day

4/1/08

COOL-005

4/02/08 - PARTLY CLOUDY

0700 - at Las Pulgas gate. WAITING TO GET ENTRY INTO BASE

0730 - MEET CREW

CDM - JOE BUSH (JB)
ROSHAN CHOLAS (RC)
TONY EVANS (TE)

0745 - Load vehicle. JB WAITS FOR SURVEYORS (RC) and (TE) GET ICE & MOBE to 1st SAMPLING LOCATION - ME-SITE (under BRIDGE)

DAY 6	SAMPLE TIMES
SM-12D6-ME-1	0845
SM-12D6-S1L-1	1015
SM-12D6-01L-1	1115
SM-12D6-S2L-1	1045
SM-12D6-S1H-1	1530
SM-12D6-S2H-1	1615
SM-12D6-01H-1	1630

0900 - secure ME-1 site. MOBE TO S2-H TO PROGRAM. 0920 ARRIVE ON SITE. MOBE TO S1-L LOCATION ARRIVE ON S1 SITE (0955) ~~MAKE~~ WHETHER ISCO WILL PRODUCE WATER. YES! TE. ~~SAED~~

RATS!!

FROM VENTURING INTO WATER W/ OVERSHOED WADERS. FLOW AT S1-L SITE V. LOW. WILL COLLECT 2-L FROM RIVER (1030) FINISH S1-L. MOVE TO OCEAN SITE.
(1050) ARRIVE AT OCEAN SITE. PREPARE TO COLLECT WATER FOR SAMPLE.
(1100) Calibrate instruments (HORIBA)

WATER QUALITY TABLE - CALIBRATION

T	Con	Tur.	D.O	pH
13.6	4.55	3.5	10.47	4.0

WATER QUALITY - Ocean Readings

T	Con	Tur	D.O	pH
15.8	~~240~~ RC 51.3	28.4	8.30	7.0

(1140) Leave Ocean Site. MOVE TO S2-L1 SITE
(1200) ARRIVE ON SITE PREPARE TO COLLECT SAMPLE.
(1210) SAMPLE SITE.
1330 - TG leaves for office.
SB takes log book.
AA ME Site to switch J. Sig back to pollutograph set up. 4/2/08

4-2-08 cont.

1458 - arrive at S1, to bottle high tide sample.
1605 - at Ocean inlet to collect manual composite sample for high tide.

Water Quality

T°	Con	Tur	DO	pH
17.7	43.6	73.7	10.24	7.8

1710 - at S2 to collect high tide sample.
1750 - at CDM yard. Stage gear. Prep samples for lab.
1745 - meet carrier. Relinquish samples. Take RC to POV.
1800 - End of day.

Date : 4/10/08
Weather: Sunny ~ 70° F
Author : ~~Author~~ as 4/10/08 Andy Greenel (CDM)
Team : Jake Dunk (CDM)
Project : Santa Margarita
Equipment: Camera

0830 Jake and I are onsite at CDM field office.
0910 Packed up truck and going to get a radio
0945 Met with Brian Stein (Base Environmental) he will accompany us to the ocean inlet to take pictures.
1010 Photos taken of beach inlet 120-2062 thru 120-2067.
1035 Dropped Brain off heading to Mass Emissions site.
1045 At Mass Emissions can't get handheld unit to turn on.
1100 Called Jon Bush to see if he knew what was wrong with handheld unit, still doesn't work.
1105 Going to lunch.
1125 Back from lunch, at

Andy G 4/10/08

4/10/08

1125 security building to set-up a Rapid Gate ID for Jake.
1210 Arrived at Site 2 and downloaded data and calibrated probe.
1340 Finished calibrations and rebuilt DO sensors. Replaced batteries in the YSI and began a new test.
1355 Arrived at Site 1.
1445 Finished rebuilding DO sensor and calibrating YSI. Data was downloaded from the probe and a new test begun.
1500 Back at CDM field office. We plugged the handheld computer into the truck with a convertor and it is working.
1535 At mass emission site. Downloaded data.
1555 Unable to calibrate Troll heading back to field office
1630 Finished ~~to~~ as 4/10/08 unloading rental truck. Jake and Andy offsite

Andy G 4/10/08

Date 4/18/08
Location Camp Pendleton
Team Jake Dunk (CDM)
Author Andy Greaze/ (CDM)
Project Santa Margarieta
Weather Sunny ~ 80°F
Equipment Camera

1125 Jake and Andy at los Pogas gate heading to Environmental Security to pick-up radio
1235 Got radio heading to mass emissions site.
1345 Downloaded data, ~~and~~ calibrated probe and set-up new test. ag 4/18/08
1357 Arrived at site 2.
1440 We updated the probe for day light savings, recalibrated and began a new test
1449 Arrived at site 1.
1530 We updated the probe for day light savings, recalibrated ~~and~~ ag 4/18/07 and begun a new test.
1555 Fueled up truck, Jake and Andy offsite

Andy G 4/18/08

Date: 4/24/08
Location: Camp Pendleton
Team: Jake Dunk (CDM)
Author: Andy Grenzel (CDM)
Project: Santa Margarieta
Weather: Sunny ~ 75°F
Equipment: Camera

1305 Jake and Andy onsite and heading to Site 1.
1400 Downloaded data from Site 1 and calibrated probe. There was a crab living in the ~~probe~~ ag 4/24/08 probe.
1415 Arrived at Site 2.
1445 Downloaded data, rebuilt DO probe because the membrane was missing. We calibrated the probe.
1500 Grabed a new radio from Base environmental.
1505 Arrived at mass emissions site
1530 Downloaded data and calibrated probe. Began new test.

Andy G 4/24/08

4/24/08

1530 A new test was begun for the site 1 and 2 probes after calibration was completed.

1550 Jake and Andy offsite

4/24/08

4/24/08

Date 5/1/08
Location Santa Margarita River, Camp Pendleton
Author Andy Gruenzel (CDM)
Team Jon Bush (CDM)
Project Santa Margarita River
Weather ~60°F Sunny
Equipment Camera

0650 Andy and Jon onsite at storage unit. We dropped off old coolers.

0715 Grabed site water.

0730 At mass emissions.

0815 We calibrated probes, downloaded old data and begun a new test, at Mass Emissions.

0915 Finished downloading data, begun a new test and calibrated probe. We grabbed the ISCO at here (site 2) and mass emissions site.

1000 Finished downloading data, calibrating probe and setup a new test at Site 1. We pick-uped the ISCO.

1030 Pictures taken at Blue Beach

1030 of Santa Margarita estuary.
1050 Offsite

5/8/08

5/8/08

Date: 5/8/08
Location: ~~S Pa~~ 5/8/08 Camp Pendleton
Author: Andy Grenzel (CDM)
Team: Jon Bush (CDM)
Project: Santa Margarita
Weather: Cloudy ~60°F
Equipment: Camera, Horiba U22
07:50 Andy onsite, Jon already at storage trailer.
08:30 At Blue Beach taking pictures of ocean inlet.
08:50 Returned radio and grabbed a new one.
09:10 At Mass Emissions.
10:00 Downloaded data and calibrated Troll and Horiba. We are taking measurements with Horiba.
pH 7.12
Conductivity 1.40 µS/cm
Turbidity 11.3 NTUs
Dissolved O_2 11.34 ~~mg~~ g/L 5/8/08
Temp 18.22 °C.
10:10 Begun new test.
10:32 Arrived at Site 2.

10:35 - Weeks file from 5-1-08 to 5-08-08 erased. Try to retrieve with no success
Calibrate sonde
11:00 Horiba readings - SZ

T°	Con	Turb	DO	pH
18.51	6.33	3.5	10.07	7.24

11:20 at Section 1 (IC)
Calibrate and downloads.
11:55 Horiba readings

T°	Con	Tur	DO	pH
18.77	28.4	19	14.09	7.34

1200 Began new test at site 1
1220 offsite

5/4/08

5/5/08

5/15/2008

SMR Sonde Maintenance
Camp Pendleton, CA
CDM - A. Greazel, J. Bush
Weather - Sunny, mild.

0730 - Greazel and Bush arrive at CDM yard.
0800 - at Blue Beach to photograph inlet.
0845 - at NE site to download data and perform sonde maintenance.
Horiba batteries dead for 2nd time. Replaced last week. May be problem.
0930 - To store for batteries and supplies
1010 - at NE site
Calibrate Horiba

5/15/08

5/15/08 cont.

1015 Water Qual Readings
Bridge U-22

T°	Con	Tur	DO	pH
20.28	1.42	0	10.35	7.17

Con = mS/cm units from meter

1030 at S2 to collect data and perform sonde maintenance.

1100 Water Quality Readings

T°	Con	Tur	DO	pH
20.88	3.02	0	8.87	7.44

1132 at S1 to collect data and perform sonde maintenance.

1140 Water Quality Readings

T°	Con	Tur	DO	pH
23.62	30.1	41.6	14.01	7.60

5/15/08

05/15/08 cont.

1225 at con yard,
A. Crazel to office.
J. Buch to environmental security office to meet w/ Biologist.
END of field day.

5/15/08

5/23/2008 SMR

Sonde Maintenance
Camp Pendleton

CDM - Bob Hunt (BH), Jim Buck (JB)

Weather - overcast, cool.

0845 - BH and JB meet by main gate.

0900 - Leave CDM storage

0915 - at ME Site & download and Calibrate sonde

1920 Calibrate Hach 2100 P

pH	T°	Con	Tur	DO
3.98	15.7	4.56	Ø	10.17

Water Quality Readings

pH	T°	Con	Tur	DO
6.04	16.04	1.01	699	7.33

5/23/08 JB

5/23/08 cont.

0930 - River at highest level since beginning of project

1030 - Could not calibrate DO
Error message 8015 (50187)
"cant communicate w/ sonde"
AND message saying Barometric Pressure unusually low.
Calibrated all other sensors and started new test.

1100 - at SZ sonde & download and do sonde maintenance
Water Quality Readings

pH	T°	Con	Tur	DO
7.02	20.4	~~33.9~~ 24.1	406	7.74

1140 - Cannot connect to SZ sonde.

5/23/08 JB

5/23/08 cont.

1140 - cont.
Called Pine Tech support changed all baudrates, detached and reattached cables.
Pine says probable cable issue.
Will request replacements ASAP.

1210 at S1 sonde for downloads and maintenance.
Water Quality Reading @

T	pH	Con	Tur	DO
15.67	7.98	35.5	21	11.63

Could not get close to sonde location due to high water level (100+ feet away).
Will not calibrate S1 sonde due to high water level. Cannot safely retrieve sonde.
Data retrieved through 5/23/08

5/23/08

5/23/08 cont

1300 - at inlet to take photos

1315 - BH and JB at CCM yard.
End of Field Day.

5/28/08

SMR, Camp Pendleton

CDM - Andy Brazil (AG)
Jon Bush (JB)

weather - clear, warm
Activity - Sonde replacement

1245 - arrive at NE site to collect data. Test ended due to error on 5/23/08. Replacing Insitu Troll 9000 with YSI 6920.

NE Calibrate Horiba U-22

1255 -	T°	pH	Con	Tur	DO
NE -	23.76	7.34	1.33	1.3	8.40

1330 - YSI 6920 installed and operation verified.

1355 - at S1 to download data and display replacement YSI sonde.

1410	T°	pH	Con	Tur	DO
S1 -	22.58	7.97	2.62	66.9	12.52

5/28/08

1430 - at S2 to collect data and display replacement YSI Sonde.

S2	T°	pH	Con	Tur	DO
	22.32	7.99	2.0	5.8	13.47

1525 - at Ocean inlet to take photos.

1545 - at S1. verify sonde is collecting data.

1600 - at S2. SONDE is not collecting data. Troubleshoot. Sonde will collect data when meter is connected. Change Batteries and resume test. Sonde still won't log samples unattended. Tech support closed.

1645 end of field day.

5/28/08

5/29/08

SMR, Camp Pendleton
CDM - J. Bush (JB)
Weather - warm, clear
Activity - Sonde troubleshoot

0800 - JB arrives at SC.
Sonde not collecting data.

0820 - To hardware store for batteries, wire ties.

0900 - Install 3rd set of batteries in sonde (NEW, assumed good).
Sonde will not run unattended.
Call Pine Tech support.
Check programming. Tech instructs me to install batteries in reverse polarity from markings. Believe terminals might have been reversed during maintenance at Pine.

5/29/08

5/29/08 cont.

1000 - Call back William at Pine to inform him that sonde still not operating. Clean exposed terminals at his instruction. Not working.

1040 - Call customer service (Pine) arrange for replacement sonde to be delivered by 10:30 am tomorrow 5/30/08

1100 - JB to SD office

5/29/08

05/30/2008

SMR Sonde Replacement
Camp Pendleton, CA
CDM: Andy Weasel (AG)
Jon Bush (JB)
Weather: warm, blue sky
1345 - arrive CDM yard
stage supplies
1400 - arrive S2 to replace
YSI sonde from yesterday
1435 - Sonde in verified
data collector
1450 - at S1, to doublecheck
operation.
operation normal
1500 - AG to CDM office
JB to ME site to
check sonde operation
1515 - ME sonde operation normal
End of field day

5/30/08

06/05/2008

SMR Sonde Maintenance
Camp Pendleton, CA.
CDM - Andy Weasel (AG)
Jon Bush (JB)
0730 - arrive at storage area,
CDM yard, Camp Pendleton.
0815 - at ME site & download
data and calibrate
sonde
0830 - calibrate Horiba U-22 to
standards
Water Quality Reading - ME

To	pH	Cond	Tm	DO
19.93	6.83	1.38	6.6	9.07

0850 - to Salvation Mesa exchange
for Batteries (Horiba)
0905 - at S1 to download
and sonde maintenance

6/5/08

6/5/08 cont.

S1 Water Quality Readings

	T°	pH	Con	Tur	DO
0915	20.70	6.81	48.2	147	8.33

0940 at S2 to download data and perform sonde maintenance

S2 Water Quality Data

	T°	pH	Con	Tur	DO
0959	~~18.22~~	~~7.22~~	~~0.028~~	155	~~10.79~~

error - cover left on probe

	T°	pH	Con	Tur	DO
1000	20.52	7.36	24.6	18.7	6.75

1030 - at inlet for photos

1045 - at CDM yard

END of field Day

6/13/2008

SMR Sonde Maintenance
Camp Pendleton, CA.

CDM - Andy Greenal (AG)
Jon Bush (JB)

weather - warm, clear.

0730 - at CDM yard

0805 - at ME site, download data, calibrate sonde, Calibrate Horiba U-22

0835 - Water Quality Data

T°	pH	Con	Tur	DO
19.07	7.08	1.30	Ø	9.12

0850 - Get Batteries at Base exchange

0905 - at S1. download and sonde maintenance.

6/13/08

6/13/08 cont.

S1

0925 Water Quality Data

T°	pH	Con	Tm	DO
22.84	7.15	55.9	50.8	6.77

0940 at S2, download and small maintenance.

0952 Water Quality Data

T°	pH	Con	Tm	DO
~~23.67~~	~~7.30~~	~~20.2~~	~~41.7~~	9.53

Cover on Recd (41.4)

0955

T°	pH	Con	Tm	DO
25.03	7.21	33.2	16.6	4.63

1015 at Ocean Inlet for photos.

1030 at CDM yard

Leave Camp Pendleton.

6/13/08

6/20/2008

SMR Small Maintenance

Camp Pendleton CA.

CDM: Andy Grand (AG), Jon Bush (JB)

Weather: Warm, clear

0730 - at CDM yard.

0805 - at ME site to download data and calibrate sonde.

Calibrate Hourly 4-22.

0830 ME Water Quality Readings

T°	pH	Con	Tm	DO
20.20	6.86	1.29	Ø	7.75

0850 at S1, download data and calibrate sonde

0915 S1 Water Quality Readings

T°	pH	Con	Tm	DO
23.56	7.05	49.0	60.2	6.16

0930 at S2, download data and perform small maintenance.

6/20/08

6/20/08 cont.

0945 SC Water Quality Data

T°	pH	Cn	Tur	DO
25.31	7.35	41.8	28.5	6.80

Cage surrounding sensors completely full of mud. Check turbidity readings.

1030 at CDM yard. leave site for day.

6/20/08

6/27/2008.

Sonde Maintenance
SMR - Camp Fundleton
CDM - Dave Lange (DL)
Jon Bish (JB)

Weather cool, clear

0930 - meet at CDM yard after getting supplies.

1010 - at ME site to clean boxes darter and maintain sondes
Calibrate Ionics U-22

1000 - Water Quality Data ME

T°	pH	Cn	Tur	DO
25.54	7.19	1.47	1.7	8.07

changed batteries on YSI 6920

1120 - at S4 (S1) clean boxes and perform sonde maintenance

6/27/08

6/27/2008 cont.

1150 - Water quality Data S1

T°	pH	Cn	Tu	DO
25.53	8.03	50.7	6.7	19.99 (errors)

Changed batteries in YSI 6920 sonde.

1205 - at S2, downstream and upstream sense
Change batteries in YSI 6920.

1235 Water Quality Data S2

T°	pH	Cn	Tu	DO
27.35	7.87	37.3	27.5	13.49

1300 at ocean inlet for photos

1330 at CDM yard
end of field day

6/27/08

7/3/2008

SMR Sonde Maintenance
Camp Pendleton, CA.
CDM - Bob Hunt, Jim Bush
weather - warm, overcast.

0930 - meet at CDM yard
1000 at NE Site, downloads data, calibrate sonde
Calibrate Horiba U-22

Cal -

T°	pH	Cn	Tu	DO
21.12	4.00	4.51	Ø	8.86

NE Water Quality Data

1020 -

T°	pH	Cn	Tu	DO
25.67	6.93	1.49	21.4	8.47

Water level very low.

1045 - at S1, downloads, sonde maintenance.

7/3/08

7/3/08 cont.

1120 - S1 Water Quality Data

T°	pH	Cn	Tm	DO
~~24.78~~ 22.2	7.4	56.8	142	5.69

- Orange cable reel for S1 YSI Data cable stolen since last week
- No pressure sensor on S1 sonde. No pressure/depth measurements possible

1130 - at S2, downloads, maintain sonde.

1205 S1 Water Quality Data

T°	pH	Cn	Tm	DO
24.15	7.16	4.95	3	3.37

- No pressure sensor on S2 YSI. No depth measurements possible.

1215 - photos at inlet.

7/3/08

7/11/2008

SMR Sonde Maintenance
Camp Pendleton, CA

CDM - Bob Hunt, Jon Bush
Weather - warm, clear

0915 - meet at CDM yard.
0940 - at ME site for downloads and maintenance
Calibrate Horiba

T°	pH	Cn	Tm	DO
22.68	4.01	4.49	0.2	8.54

Water Quality Data ME

1010 -

T°	pH	Cn	Tm	DO
24.97	6.93	1.44	0.8	8.28

1035 at S1 for downloads and maintenance

07/11/08

07/11/08 cont.

1105 Water Quality Data (S1)

T°	pH	Con	Tur	DO
25.3	4.01	45.2	12.8	9.41

1120 - at S2 for download and maintenance

1135 - S2 Water Quality Data

T°	pH	Con	Tur	DO
25.75	7.19	33.3	43.5	10.11

Change DO membrane

1225 - at Inlet for photo

1245 - B. Hemt leaves for day
J. Bush inventories storage.

Partial boxes of trash bags, Caplates
~68 0.5L Poly bottles
1+ sets of ISCO bottles
New bag of ISCO pus liners
-1 roll paper towels
48 1L Amber
300 scintillation vial
50 1L Poly bottles

7/11/08

7/17/2008

Sonde Maintenance - SMR

con: A. Graegel, J. Bush

weather - cool, overcast

1500 - arrive at CDM yard
stage gear.

1515 - at S2 to download data and maintain sonde.
Calibrate Hydrolab U-22

S1 Water Quality Data

	T°	pH	Con	Tur	DO
1515	27.49	7.12	54.2	165	18.62

1355 - JB (?) error

1610 - at S2 for download and maintenance.

S2 Water Quality Data

	T°	pH	Con	Tur	DO
1630	31.06	4.54	44.1	1.1	17.26

7/17/08

7/17/08 cont.

1655 - at NE site for downloads and maintenance
Water flow at NE site is very low. (<5% normal flow.)
NE Water Quality Data

1715 - T°	pH	Con	Tur	DO
27.17	7.03	0.973	Ø	7.63

Deployed all 7 sed samplers.

1745 at CDM yard. Stage gear
End of field day

7/17/08

7/18/2008

SMR Channel Survey Camp Pendleton
CDM - Jon Bush
O'Day Consultants - Ray, Pat
1100 - meet at Del Mar Area Campground/Beach
1110 - at SMR Outlet for survey.
1150 - leave Beach. O'Day consultants leaves.
End of Field day

7/18/08

7/21/2008

SMR Index 3

Day 1

Com. Andy Wood (AW), Jon Bush (JB)

Weather: warm, clear

0700 arrive at storage area stage gear / load truck

0745 at S2, deploy new tubing, program iso for 10:30 am (flood tide) sample

0815 at S1, deploy new tubing, programs iso for 1045.

0900 at ME site & program iso for 1100 am sample

0945 at store for ice

1000 at Ocean Cutter for sample collection. Collect samples at 1005, 1020, 1035.

1020 SM-13D1-01H-1 collected.

7/21/08

7/21/08 cont.

Calibrate Horiba U-22

Solution readings

T°	pH	Con	Tur	DO
X	4.00	4.49	Ø	Y

Calibration Readings

T°	pH	Con	Tur	DO
21.41	3.99	4.58	Ø	8.09

1025 Ocean Cutter Water Quality

T°	pH	Con	Tur	DO
20.68	6.93	62.3	Ø	9.22

1105 - at S2 to collect sample SM-13D1-S2H-1

Day 1 Sample Times

SM-13D1-01H-1	1020
" " -S2H-1	1045
" " -S1H-1	1100
" " -S1H-2	1105
" " -ME-1	1110
" " -01L-1	1355
" " -S2L-1	1430
" " -S1L-1	1445

7/21/08 cont.

1120 - Program ISCO for 1430 sample.

1130 - at S1 to collect bottle samples SM-I3D1-S1H-1 and SM-I3D1-S1H-2

1200 - Program S1 ISCO for 1445 sample time

1330 at ME site to bottle sample SM-I3D1-ME-1. Very little water collected. Stream was flowing in AM but stopped flowing during sample collection. Now water in stream channel stops approx. 50' upstream from sonde / collection point. Only 6 scintillation vials collected due to lack of water

1400 at S2 to bottle sample SM-I3D1-S2L-1

07/21/08

07/21/08 cont.

1500 at S1 to bottle sample SM-I3D1-S1L-1

1536 at inlet to collect sample SM-I3D1-D1L-1

Horiba Water Quality Data

T°	pH	Con	Tur	DO
24.58	7.41	61.2	20	9.12

1555 collect sample SM-I3D1-D1L-1

Horiba U-22 RPD Check

RPD	T°	pH	Con	Tur	DO
1	23.41	7.14	61.7	0	8.73
2	23.37	7.20	61.7	0	8.47
3	23.32	7.23	61.7	0	8.41

1630 at CDM yard. Stage sem. key samples.

1730 Meet worker. Bowl of yield clay

7/21/08

7/22/2008

SMR Index 3
Day 2

CDM - Andy Creesel, Jim Bush
Weather - clear, mild

0830 arrive at CDM yard
load supplies, get
gas for truck.

0930 at ME site. No flow.
Dry streambed.
No samples collected.

0945 at S2, program iso
for 1045 sample

1000 at S1, program iso for
1100 sample.

Day 2 Sample Times

SM-	I3D2-	01H-1	1050
"	"	S1H-1	1100
"	"	S2H-1	1045
"	"	S1H-2	1105
"	"	01A0L-1	1615
"	"	S1L-1	1630
"	"	S2L-1	1640

7/22/08 cont.

1030 at Ocean Inlet
to collect sample
SM-I3D2-01H-1
Calibrate Horiba U-22
Calibration readings

T°	pH	Con	Tur	DO
21.49	3.99	4.27	Ø	8.89

Water Quality Data

	T°	pH	Con	Tur	DO
1115	20.97	7.02	47.9	11.9	9.04

RPD check on U-22

	T	pH	Con	Tur	DO
1-	20.46	5.10	47.4	Ø	8.58
2-	21.07	5.46	47.5	Ø	8.48
3	21.1	5.65	47.2	Ø	8.47

Called Pine Environmental at
1100 to request replacement U-22.
Ohms has a battery issue.

7/22/08

07/22/08 cont

1130 - at S1 to bottle sample SM-I3D2-S1H-1 and SM-I3D2-S1H-2

1210 - at S2 to bottle sample SM-I3D2-S2H-1

1500 - at storage area to organize and restock truck.

1548 - at Ocean inlet to collect sample SM-I3D2-O1L-1

Ocean Water Quality Data

	T°	pH	Cn	Tm	DO
1605	21.92	7.31	48.3	10	9.42

1650 - at S1 to bottle sample SM-I3D2-S1L-1

1702 - at S2 to collect sample SM-I3D2-S2L-1

1720 - at CDM yard. prep samples unload.

End of field Day

7/22/08

7/23/08

SMR Tuday 3

Day 3

CDM - Andy Breazel, Jon Bush

Weather - warm, clear

0830 - arrive at CDM yard. Load supplies. Prep for day

0850 - to exchange for ice, water.

0900 - at S1. Program Tsco for 10:15 sample.

0925 - at S2, Program Tsco for 10:30 sample

Call Crystal Roberts (Weston) to locate Tommy Woods. to Arr meeting time for transect sampling established.

0950 at NE Site to check stream flow. No Flow.

1020 at ocean inlet to collect sample SM-I3D3-O1H-1

Calibrate Horiba U-22

07/23/08

07/23/08 cont.

1020 cont. Calibration readings

T°	pH	Cn	Tu	DO
22.22	3.94	4.78	Ø	8.10

RPD

	T°	pH	Cn	Tu	DO
1	22.37	6.032	47.7	Ø	7.87
2	22.44	6.027	47.8	Ø	7.82
3	22.37	6.047	47.9	Ø	7.80

1055 Water Quality Data

T°	pH	Cn	Tu	DO
22.12	7.08	48.3	Ø	8.39

Day 3 Sample Times

SM-I3D3-S1H-1		1015
" "	S1H-2	1020
" "	S2H-1	1030
" "	O1H-1	1045
" "	S1L-1	1615
" "	S2L-1	1630
" "	O1L-1	1610

07/23/08

7/23/08 cont

1180 - at S1 to bottle sample
SM-I3D3-S1H-1 and
SM-I3D3-S1H-2

1205 - at S2 to bottle sample
SM-I3D3-S2H-1

1300 at S2. Calibrate sonde, download data.

1430 S2 Water Quality

T°	pH	Cn	Tu	DO
29.22	7.6	41.2	Ø	14.0

Changed DO membrane
Battery life reads 12.0V
105 Days.

1520 at Storm drain site. Dry.
Access very difficult due to vegetation overgrowth

1530 at S1 to download data and calibrate sonde.

Water Quality Data

T°	pH	Cn	Tu	DO
24.73	7.28	42.2	200	9.95

07/23/08

1600 at ocean inlet to select sample
SM-13D3-01L-1

Water Quality Data

	T°	pH	Con	Tur	DO
1605	23.2	7.34	48.1	Ø	8.80

1645 at S1 to bottle sample SM-I3D3-S1L-1

1705 at S2 to bottle sample SM 13D3-S2L-1

1730 Bush meets course. Crew leaves site for day.

1745 Bush unloads supplies/bottles at CDM yard. To store for tape, packing materials.

1930 end of field day.

7/24/08

Transect Sampling
SMR Lagoon

0545 - CDM - J. Bush
J. Dunk
Weston: Tommie Woods
Garth

Weather: cool, overcast

0545 - Bush arrives and loads supplies for day.

0600 - Meet Weston (Tommie and Garth) at Stuart Mesa Budget. Exchange Bottles and instructions. Dunk at store for ice and supplies.

1010 - Lost samples, 6 through 12 at truck. Begin labeling filters/Bottling

1135 Transect 1 through 5 delivered to dunk.

7/24/08

7/24/08 cont.

1330 Flood tide samples bottled

lunch.

1630 Ebb tide samples 6-12 at dock

1720 Samples 1-5 at dock. Weston leaves site.

Prep samples for lab.

1840 Bush meets CRC courier. Bush leaves site.

END of field day.

07/24/08

07/28/08

SMR Tyvek 3

Day 4

CDM - Andy Weagel, Jon Bush

Weather - cool, overcast.

0830 - meet at CDM yard. organize gear / load truck.

0915 - at Section 1 to program Isco for 10:30 sample

~~1000 - at 7B~~

0930 - at Section 2 to program Isco for 10:45 sample.

1000 - at NE Site. Water is flowing again. Set Isco for 11:00 am sample.

1145 - at exchange for ice.

1155 - at Ocean inlet to collect sample SM-J3D4-012-J

7/28/08

7/28/08 cont.

1110 Calibrate Hanna U-22

T°	pH	Cond	Tur	DO
~~37.8~~ 23.27	3.8	4.41	0.2	8.92

RPD

	T°	pH	Cond	Tur	DO
1	22.37	7.51	67.4	4	9.02*
2	22.66	7.63	67.4	3.6	9.06
3	22.75	7.72	67.3	3.3	9.07

1122 Water Quality Data

T°	pH	Cond	Tur	DO
22.16	8.05	68.0	23	9.79

1150 - at S1 to bottle sample SM-I3D4-S1L-1

1210 - at S2 to bottle sample SM-I3D4-S2L-1

1240 - at ME site to bottle sample. SM-I3D4-ME-1

7/28/08

7/28/08 cont.

Day 4 Sample Times

SM-I3D4-	DIL-1	—	~~1100~~ 1105
" "	S1L-1	—	1030
" "	S2L-1	—	1045
" "	ME-1	—	1100
" "	OIH-1	—	1545
" "	S1H-1	—	1455
" "	S2H-1	—	1510
" "	FB-1	—	1445

1430 - at Provost Marshall's office to report theft/vandalism of S1 sonde/data cable. Sonde damaged, Cable missing.

1500 - Process will take 2-3 hours. Will return when there is more time. Still have 4 samples to collect today.

1530 - at Queen Anne's to collect sample SM-I3D4-OIH-1

7/28/08

07/28/08 cont

1540 - Ocean Inlet water Quality

T°	pH	Cond	Tur	DO
22.81	8.02	67.8	1.72	10.69

1620 - at S1 & bottle sample
SM-I3D4-S1H-1

1645 - at S2 & bottle sample
SM-I3D4-S2H-1

1700 - at CDM yard
unloaded. Prep samples
for kba

1730 Andy Greazel leaves site
for Bush & meet courier

1750 Bush & Provost Marshals
office & report theft of
data cable.

1955 End of field Day

07/28/08

07/29/2008

SMR Index 3

Day 5

CDM - Greazel, Bush
Weather - cool, overcast.

0800 - arrive at CDM yard
load truck. prep for day.

0900 - at NE site. Program Iso
for 11:15 sample.

0920 - at S2. Program iso for
10:45 sample

Day 5 Sample Times

SM-I3D5	-	D1L-1	—	1015
" "	-	S1L-1	—	1030
" "	-	S1L-2	—	1035
" "	-	S2L-MS/MSD	—	1045
" "	-	D1H-1	—	1545
" "	-	S1H-1	—	1600
" "	-	S2H-1	—	1615
" "	-	FB-1	—	1430
" "	-	NE-1	—	1115

7/29/08 cont.

0945 Take pictures at illicit drainage under I-5 bridge. Volume/Flow estimated at ≈ 1 gpm.

0955 at ocean inlet to collect sample SM-I3D5-OIL-1

Calibrate Horiba U-22

T°	pH	Cm	Tm	DO
20.98	3.99	4.46	Ø	4.26

RPD

	T°	pH	Cm	Tm	DO
1	21.75	8.11	55.4	Ø	8.43
2	21.74	8.11	55.4	Ø	8.43
3	21.73	8.12	55.4	Ø	8.41

1025 Water Quality Data - Ocean

T°	pH	Cm	Tm	DO
22.17	8.18	55.2	82	8.96

1050 at S1 to bottle samples
SM-I3D5-S1L-1
SM-I3D5-S1L-2
Set ISCO for 1400 1st hr tide sample

7/29/08

7/29/08 cont.

1130 - at S2 to collect sample SM-I3D5-S2L-M3MSD

1200 - at NE site to bottle SM-I3D5-NE-1

1230 - Calibrate and download data from NE sonde. DO will not calibrate and DO sensor defaulted. No DO calibration. Leave sonde running w/ other sensors calibrated. Return to take short interim the week.

1300 - No flow at storm drain on in River by storm drain location.

1405 - at S1. Make labels for S1H, S2H, and FB

1455 - calibrate and redeploy sonde after vandalism. Calibrated correctly

7/29/08

7/29/08 mt.

1527 at ocean inlet to collect sample
SM-I3D5-01H-1

1532 Water Quality Data

T°	pH	Con	Tu	DO
23.10	8.35	55.5	30	9.18

1620 - at S1 to bottle sample
SM-I3D5-S1H-1

1645 - at S2 to bottle sample
SM-I3D5-S2H-1

1715 - at CDM yard.
Unload truck, Prep samples for lab.
Grazel leaves site.

1730 Bush meets courier
End of field day.

7/29/08

7/30/2008

SMR Trucks 3
Day 6

CDM - Grazel, Bush
weather: overcast, cool

0800 - arrive at CDM yard
Usual gear

0840 - at ME site. Program Tsio for 11:30 sample.

0910 - at S1. program Tsio for 11:15 sample.

Day 6 Sample Times

SM-	I3D6-	ME-MSMSD-		1130
"	"	-01L-	1	-1125
		-S1L-	1	-~~1115~~ 1125
		-S2L-	1	-1120
		-01H-	1	-1605
		-S1H-	1	-1615
		-S2H-	1	-1630
		-FB-	1	-1500

07/30/08

1026 07/30/08 cont.

0935 at S2 to program Isco for 1120 sample time. Calibrate and clean S2 sondes.

1015 to Ocean inlet(s) for photos. To exchange for ice.

1110 at Ocean inlet (N) to collect sample SM-13D6-O1L-1

Calibrate Hydrolab

T°	pH	Con	Tur	DO
22.49	3.99	4.47	1.7	8.77

RPD

	T°	pH	Con	Tur	DO
1	22.39	7.87	48.3	Ø	8.42
2	22.45	7.92	48.4	Ø	8.43
3	22.46	7.95	48.4	Ø	8.42

1131 Water Quality Data (Ocean)

T°	pH	Con	Tur	DO
21.90	8.22	48.6	3.43	9.08

07/30/08

7/30/08 cont.

1200 - at S1 to bottle sample SM-13D6-S1L-1

Water Quality Data

T°	pH	Con	Tur	DO
24.91	8.68	45.4	Ø	13.97

1215 - Isco is inoperable. Error: Pump Jammed! Could not fix.

1225 - Collect manual grab sample SM-13D6-S2L-1

1245 - at S2 to bottle sample SM-13D6-S2L-1.

~~Water Quality Data~~

T°	pH	Con	Tur	DO

Set Isco for 1630 afternoon sample (High / Flood).

7/30/08

7/30/08 cont

1315 at NE site to bottle sample
SM-I3D6-NE-NSMSD

1330 Water Quality Data

T°	pH	Cn	Tu	DO
31.58	8.16	1.10	Ø	7.70

1400 Bottle field blank and make all label/Bottle sets for remaining samples

1550 at Ocean inlet to collect sample
SM-I3D6-OI14-1

1600 Water Quality Data

T°	pH	Cn	Tu	DO
23.36	8.34	49.6	47	10.05

1635 at Section 1 to bottle sample SM-I3D6-S114-1

Water Quality Data

T°	pH	Cn	Tu	DO

07/30/08

7/30/08 cont

1700 - at S2 to bottle
SM-I3D6-S214-1

Water Quality Data

T°	pH	Con	Tu	DO
29.85	8.93	91.2	Ø	14.05

1720 at Com pond. Unloads truck. Preps samples for lab.

1745 - met courier
End of field day.

7/30/08

SOKKIA

FIELD BOOK

Santa Margarita Lagoon
Monitoring
San Diego County, California
1801.027

Book 2
9/25/2008 to

No. 8152-60

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9/25/08 - Index 4, Days 3, 4, 5, 6	5-22
11/25 to 8 - Set up for Round 3 stream samples over	23-25

9/25/2008 (5)

SMR Index 4
Day 3 and
Transect Sampling

CDM - J. Bush, A. Geazel
J. Dunk, R. Cholas

Weather - warm clear

0700 - arrive at CDM yard.
Distribute gear, bottles,
paperwork

0930 - Dunk and Cholas
meet Weston crew at
Stuart Mesa bridge.
Bush and Geazel
conduct Index 4 Day
3 sampling. Dunk
Cholas and Weston
crew conduct transect
sampling

9/25/08

⑥ 9/25/08 cont.

0945 - at S2. Program ISCO to collect 1015 sample.

1000 - at exchange to get tire.

1010 - at S1. Program ISCO to collect 1030 sample.

Day 3 Sample Times

SM-I4D3	-	S1L-1	1030
"	"	- S2L-1	1015
"	"	- O1L-1	1105
"	"	- S1L-2	1035
"	"	- S1H-1	1600
"	"	- S2H-1	1615
"	"	- O1H-1	1610
"	"	- FB-1	1500

1030 Call Pine to arrange for replacement Peristaltic pump. "James" say it will arrive Friday for use early monday.

9/28/08

9/25

1045 -

1110 - Wat

1120 -

9/25

9/25/08 cont. (7)

1045 - arrive at Ocean inlet for sample collection (SM-I4D3-01L-1)

Calibrate U-22

T°	pH	Con	Tur	DO
~~[illegible]~~	~~[illegible]~~	4.44	Ø	9.35

RPD

T°	pH	Con	Tur	DO
1 - 21.52	8.78	59.8	Ø	8.13
2 - 21.54	8.80	59.8	Ø	8.14
3 - 21.54	8.80	59.8	Ø	8.15

110 - Water Quality (Ocean)

T°	pH	Con	Tur	DO
21.37	8.92	59.5	61.0	9.11

1120 - at S1 to bottle SM-I4D3-S1L-1

Set JSon for 1600 sample (S1H-1)

9/25/08

(8) 9/25/08

1230 at S2 to collect/bottle
SM-I4D3-S2L-1
Set Isco to collect
high tide sample at Kent.

1400 make labels/bottles
sets for afternoon
samples

1500 collect field blank
SM-I4D3-FB7

1600 at ocean inlet to
collect SM-I4D3-OIH-1

Water Quality Data

1605	T°	pH	Cn	Tu	DO
	23.49	8.92	589	Ø	7.23

1640 - at S1 to bottle SM-I4D3
-S1H-1

1700 - at S2 to bottle SM-I4D3-S2H-1

9/25/08

9/25/2

1720 -

1930 -

9/25/2008 cont

(9)

1720 - at S1 Prep samples for lab. Wait on Weston Transect samples.

1930 - meet crew end of field day.

9/25/08

(10) 9/26/2008

Ocean Inlet Survey

SMR Lagoon

CDR. J. Bush

O'Day Consultants - Pat, Ray

0900 meet O'Day at Del Mar area beach Lamp ground, Wait for armored vehicles to leave beach

0915 - move down beach to inlet and begin survey.

1030 - complete survey and leave beach

1045 - breakdown equipment, loss, and leave base.

End of field day

9/26/08

9/29/2008

(11)

SMR Tudex 4
Day 4, Camp Pendleton

CDM - J. Bush, A. Weasel
Weather - cool overcast
0600 - Bush and Weasel meet at CDM yard. WAO supplies for day.
0700 - at SZ to program/start ESA for 0700 sample

Day 4 Samples	Times
SM-IUD4-S1H-1	0715
" " -S2H-1	0700
" " -O1H-1	0800
" " -S1L-1	1200
" " -S2L-1	1215
" " -S1L-2	1205
" " -O1L-1	1155
" " -FB1	1230

9/29/08

(12) 09/29/08 cont.

0653 - at S1 & start ~~[illegible]~~ 28 stations

Iso 0715 sample

0710 - to store for wa.

0740 - at ocean inlet to collect OH-1 (0800)

Calibrate Horiba U-22

pH	Cm	Tm	DO	T°
3.99	4.49	Ø	9.71	16.9

RPD

	T	pH	Cm	Tm	DO
1	~~8.74~~ 17.62	8.74	61.4	Ø	8.30
2	17.61	8.77	61.4	Ø	8.37
3	17.62	8.78	61.5	Ø	8.32

0815 Ocean Water Quality

T°	pH	Cm	Tm	DO
17.53	8.94	61.2	56	9.68

0925 at S1 to bottle OH-1. left beach due to lightning.

9/29/08

0920

0800

0945

1000

1100

1130

1145

1215

0900 - collect and bottle S1H-1. Set Isco for 1200 (low) sample

0930 - at S2 & bottle sample S2H-1. Set Isco to collect S2L-1 at 1215

0945 - to ME site to check for flow.

1000 - no flow at ME Site

1100 - Dispose of scrap cardboard and trash.

1130 - at ocean inlet to collect low tide sample at 1155

1145 Water Quality (Ocean)

T°	pH	Con	Tu	DO
17.78	8.97	58.6	95	9.66

1215 at S1 to bottle S1L-1 and S1L-2

9/29/08

(14) 9/29/08 cont.

1230 - collect Field blank at S1 site

1315 - at S2 & bottle S2L-1

1345 - at cow yard. Unloads. Prep samples for courier

1500 meet courier and relinquish samples end of field day

9/29/08

(12) 9/30/08 cont.

0725 - at S1. Set JS00 to collect 0740 sample. Stopped for ice at base gas station (0720).

0745 at Ocean inlet to collect SM-JS05-0141

Calibrate Horiba

T°	pH	Con	Tur	DO
17.22	3.98	4.471	0	9.65

RPD

	T°	pH	Con	Tur	DO
1	17.37	8.88	60.1	1.7	8.46
2	17.37	8.89	60.1	1.3	8.41
3	17.38	8.89	60.1	1.5	8.46

0817 - Ocean Water Quality

T°	pH	Con	Tur	DO
17.17	8.93	59.9	31	9.65

9/30/08

9

0835

0910

0935

1015

1105

1245

1255

18

9/30/08 cont. (17)

0835 - at S1 to bottle S1H-1
set ESCO to collect
S1L-MS MSD at 1230.

0910 - at S2 to bottle
S2H-1. Set ESCO to
collect S2L-1 at
1245.

0935 - check storm drain
location for flow - Dry

1015 - check ME site for
flow - Dry.

1105 - at S1. Prepare
remaining bottle/label sets.
Prepare to collect field
blank.

1245 - at Ocean Inlet to
collect ~~FB~~ OIL-1

1255 - Water Quality Data

T°	pH	Cond	Tur	DO
18.76	8.94	59.2	21	9.83

(18) 9/30/08 cont.

1335 - at S1 to bottle S1L-MS/MSD.

1355 - at S2 to bottle S2L-1

1415 - at CDM yard Prep samples for courier. Unloss field vehicle.

1600 meet courier - end of field day

9/30/08

10/01/08

(19)

SMR Index 4

Day 6

CDM - D. Bush, A. Breazel

Weather - warm, clear.

0630 - Bush, Breazel arrive at CDM yard and prep for day.

0700 at S2. start Iso sampler & collect 0715 sample.

Day 6 Sample Times

SM-I4D6-S1H-1 - 0740

- S2H-1 - 0715
- O1H-1 - 0800
- FB1 - 1245
- S1L-MSMSD 1300
- S2L-1 1330
- O1L-1 1400

10/01/08

(20) 10/1/08

0715 - to exchange for ice.

0725 - at S1 & start TSG for 0740 sample

0742 - at ocean inlet & collect 0800 sample.

Calibrate 11-22

T°	pH	Cn	Tu	DO
19.62	3.99	4.47	Ø	9.09

	T°	pH	Cn	Tu	DO
1	17.54	8.93	57.5	3.4	9.07
2	17.55	8.95	57.5	2.8	8.83
3	17.57	8.95	57.5	2.4	8.61

0825 Data Quality - Ocean

T°	pH	Cn	Tu	DO
14.99	8.96	57.3	3.6	9.95

10/1/08

10/1/08

0835 - at S1 to bottle S1H-1. Set Teco to collect 1300 sample for S1L-MS/MSD

0900 - at S2 to bottle S2H-1. Set Teco to collect 1330 sample (S2L-1)

0930 - check NE side for flow
Dry

1120 - at Storage area to measure and take inventory

1200 - clean and vacuum field truck.

1230 - at S1 to bottle S1L-MS/MSD

1245 - collect field blank.

1300 - retrieve S1 sample and downloads data.

1340 - at ocean inlet to collect OIL-1

10/1/08

(22) 10/1/08 cont.

1358 Ocean Water Quality

T	pH	Con	Tur	DO
22.61	8.98	54.9	56.4	11.09

1435 - at S2 to bottle samples
S2-C-1

1500 - retrieve S2 sonde
download data.

1520 - at CDM storage
unload vehicle.

1600 - meet courier
End of field Day.

10/1/08

Tuesday ~~THURSDAY~~ NOVEMBER 25, 2008 (23)

NOTETAKER: BOB HUNT
Personnel: COM. Jake Dunlap + Bob Hunt
Weather: partly cloudy. mid 60°
Forecast: high on the 60s chance of rain - thunderstorms overnight
PPE: Level D modified
Instrument: ISCO samples -
Horiba U-22
Calibration = NONE Needed
Blanks not ~~taken~~ used today
Activities: Preparing for Round 3 of storm water sampling
- setting up ISCO samples to run overnight

1245 - Leave COM office (San Diego) to head up to Camp Pendleton
1330 - Arrive @ Camp Pendleton load up vehicle with equipment and supplies.
1420 - @ Segment 2 Stuart Mesa Bridge - Set up ISCO S/N # 05974 - set to GO OFF (Sample) @ 0257 on Wednesday Morning - sample every 15 mins - 12 Samples

- Robert Hunt - ROBERT HUNT 11/25/08

(24) ~~THURSDAY~~ Tuesday NOVEMBER 25, 2008

1500 - HEAD TO SEGMENT 1 -
I-5 BRIDGE
SET UP ISCO S/N 04725
SET TO START @ 0800 ON
WEDNESDAY MORNING => SAMPLE
EVERY 15 MINUTES - 12 SAMPLES
1530 - HEAD TO ~~MASS EMISSION~~ 11/26/08
~~SITE~~ OCEAN INLET
1545 - SET UP ISCO # S/N 4773
- BURY ISCO SAMPLER - 1/2 WAY
JUST TO SUPPORT + TIE OFF
TO A BURIED PIECE OF DRIFT
WOOD TO STABILIZE - SUPPORT
AND SAFEGUARD ISCO.
INTAKE PLACED IN INLET
~~ANCHORED~~ 11/2"GS ANCHORED
TO BOTTOM WITH 1/2 GALLON
WATER JUG FILLED WITH SAND -
1610 - HEAD TO MASS EMISSION
SITE
1635 - @ MASS EMISSION SITE
SET UP ISCO # S/N - 11682
- 24 BOTTLES SET UP
SET ISCO TO SAMPLE 12
EVERY ~~24 HOURS~~ 1/2 HR FOR 24 HRS
- [signature] ROBERT HOWE - 11/25/08

~~THURSDAY~~ Tuesday November 25, 2008 (25)

Hours - Secure intake on stake in River Bed 1700 - Finished e mass emissions site - depart and head back to San Diego office 1800 - Back e San Diego office - Finished for the day

Robert Hunt 11/25/08

(28)

Water Quality Grab Samples

Time/site	Temp °C °C	Conductivity mS/cm	Turbidity nTU	pH units	DO mg/L
0705 ME1	16.48	1.40	0.0	6.47	6.65
S1H	16.80	52.5	0.0	7.65	8.58
S2H	14.99	40.4	0.0	7.84	5.19
1105 OIL	19.25	52.3	0.0	8.16	9.27
S1L	18.92	52.4	0.0	8.50	9.76
ME1	19.74	1.36	0.0	8.60	8.11
S2L	17.64	45.5	0.0	7.79	7.93

Inventory 10/1/08

Ab - 2 cases (24)
0.5L Poly - 100+
1L Poly - 25
Disc Filter (syringe) - 14
Syringes - 1 box (40)
inline filters - 14
Silicone tubing - 25'
Isco bottles (wedge) - 35
Bubble wrap 1'x30' + scraps
composite jugs - 6
scintillation vials - 300
Distilled Water - 2 gal.
Teflon tubing - 100+' in place (52)
Iscos - 3
Isco Batteries - 5 (+1?)
Misc Calibration fluids

YSI Environmental

YSI 6820 and 6920 Compact Sondes

Measure multiple parameters simultaneously

You can report sixteen parameters simultaneously with either sonde:

DO (% and mg/L)	ORP
Temperature	Depth or Level
Conductivity	Turbidity, Chlorophyll, or Rhodamine
Specific Conductance	Total Dissolved Solids
Salinity	Nitrate
Ammonia	Chloride
Ammonium-N	pH
Resistivity	

Data Analysis with Windows™

Data analysis from any YSI sonde is easy using EcoWatch™ for Windows™ for data quality review, statistical analysis, and preparation for easy importation to other data analysis packages.

Connect with Data Collection Platform

Either sonde can easily connect to the YSI 6200 DAS Data Acquisition System, or your own data collection platform, via SDI-12 for remote and real-time data acquisition applications.

Self-Cleaning and Stirring-Independent Probes

Both sondes feature YSI's self-cleaning turbidity, chlorophyll, or rhodamine sensor as well as YSI's Rapid Pulse™ stirring-independent oxygen sensor.

- **Self-cleaning turbidity, chlorophyll or rhodamine**
- **Stirring-independent Rapid Pulse™ dissolved oxygen system**
- **Field-replaceable sensors**
- **Easy connect to data collection platforms such as the YSI 6200 DAS**
- **Compatible with YSI 650 Multiparameter Display System**

In addition

The YSI 6920 is an economical logging system for long-term, *in situ* monitoring and profiling. It will log all parameters at programmable intervals, and store 150,000 readings. At 15-minute intervals, it will log data for about 30 days.

Pure Data for a Healthy Planet.™

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Who's Minding the Planet?™

6820 & 6920 Sensor Specifications

Dissolved oxygen % saturation	Range Resolution Accuracy	0 to 500% 0.1% 0 to 200%: ±2% air sat; 200 to 500%: ±6% air sat
Dissolved oxygen mg/L	Range Resolution Accuracy	0 to 50 mg/L 0.01 mg/L 0 to 20 mg/L: ±0.2 mg/L; 20 to 50 mg/L: ±0.6 mg/L
Conductivity	Range Resolution Accuracy	0 to 100 mS/cm 0.001 to 0.1 mS/cm (range-dependent) ±0.5% of reading + 0.001 mS/cm
Temperature	Range Resolution Accuracy	-5 to +45°C 0.01°C ±0.15°C
pH, includes most low-ionic-strength measurements	Range Resolution Accuracy	0 to 14 units 0.01 unit ±0.2 unit
Non-vented depth, shallow	Range Resolution Accuracy	0 to 30 feet (0 to 9 m) 0.001 foot (0.001 m) ±0.06 foot (±0.02 m)
Non-vented depth, middle	Range Resolution Accuracy	0 to 200 feet (0 to 61 m) 0.001 foot (0.001 m) ±0.4 foot (±0.12 m)
Vented level	Range Resolution Accuracy	0 to 30 feet (0 to 9 m) 0.001 feet (0.0003 m) 0 to 10 feet (0 to 3 m): ±0.01 feet (0.003 m) 10 to 30 feet (3 to 9 m): ±0.06 feet (0.01 m)
ORP	Range Resolution Accuracy	-999 to +999 mV 0.1 mV ±20 mV
Salinity	Range Resolution Accuracy	0 to 70 ppt 0.01 ppt ±1% of reading or 0.1 ppt, whichever is greater
Nitrate–nitrogen	Range Resolution Accuracy	0 to 200 mg/L-N 0.001 to 1 mg/L-N (range-dependent) ±10% of reading or 2 mg/L, whichever is greater
Ammonium–nitrogen	Range Resolution Accuracy	0 to 200 mg/L-N 0.001 to 1 mg/L-N (range-dependent) ±10% of reading or 2 mg/L, whichever is greater
Ammonia	Range Resolution Accuracy	0 to 200 mg/L-N 0.001 to 1 mg/L-N (range-dependent) ±10% of reading or 2 mg/L, whichever is greater
Turbidity	Range Resolution Accuracy Depth	0 to 1,000 NTU 0.1 NTU ±5% of reading or 2 NTU, whichever is greater 61 m (200 feet)
Chlorophyll	Range Resolution Depth	0 to 400 µg/L; 0 to 100% FS 0.1 µg/L Chl; 0.1%FS 61 m (200 feet)
Rhodamine	Range Resolution Accuracy Depth	0 to 200 µg/L; 0 to 100% FS 0.1 µg/L; 0.1%FS ±1.0 µg/L; ±5% of reading 61 m (200 feet)
Chloride	Range Resolution Accuracy	0 to 1,000 mg/L 0.001 to 1 mg/L (range-dependent) ±15% of reading or 5 mg/L, whichever is greater

YSI 6820 sonde

Medium: Fresh, sea or polluted water
Temperature: -5 to +45°C
Computer interface: RS-232, SDI-12
Software: PC-compatible, Windows™ 95 or higher; 256K RAM minimum. Graphics card recommended.
Size: 2.86″ dia, 13.5″ long, 3.4 LBS (7.3 CM dia, 34.3 CM long, 2.3 KG)
External power supply: 12 VDC

YSI 6920 sonde

Medium: Fresh, sea or polluted water
Temperature: -5 to +45°C
Computer interface: RS-232, SDI-12
Logging memory: 384K flash ROM logs, 150,000 readings
Software: PC-compatible, Windows™ 95 or higher; 256K RAM minimum. Graphics card recommended.
Size: 2.85" OD x 18" long (7.24 x 45.7 cm)
Weight with batteries: 4 lbs (1.8 kg)
External power supply: 12 VDC

TROLL 9000

Versions

	Application / use for:	Available WQ sensor ports**	Accepts 'XP' sensors	Internal data logging	Logs data with RuggedReader
Profiler	Profiling, dip and sample	4	--	--	●
Profiler XP	Profiling, dip and sample	4	●	--	●
Professional	Long-term monitoring and/or profiling	4	--	●	●
Professional XP	Long-term monitoring and/or profiling	4	●	●	●
LTS	Long-term monitoring	1	●	●	●

Sensor Specifications

Standard Sensors	Accuracy	Range	Response Time (T90)	Methodology
Barometric Pressure	± 0.3% FS	0 – 16.5 psia	< 30 sec per 30m (100 ft) cable	
Temperature	± 0.1˚C	-5˚C – 50˚C	< 30 sec	EPA 170.1
Level Depth, Pressure	± 0.05% FS	11m (35 ft, 15psi) 21m (69 ft, 30psi) 70m (231 ft, 100psi) 210m (692 ft, 300psi)	In thermal equilibrium: Instantaneous In thermal change— Instantaneous to ± 2% FS, 30 – 60 min to ± 0.1% FS, 1.5 – 2 hr to ± 0.05% FS	
pH	± 0.1 pH units	0 – 12 pH units	< 15 sec, pH 7 to pH 4	Std.Mthds. 4500-H+, EPA 150.2
ORP	± 4.0 mV	± 1400 mV	< 15 sec	Std.Mthds. 2580
RDO (Optical DO)	± 0.1 mg/L ± 0.2 mg/L	0 – 10 mg/L 10 – 20 mg/L	O_2 increasing, 16 seconds; O_2 decreasing ,45 seconds	
DO (Clark cell)	± 0.2 mg/L	0 – 20 mg/L, 0 – 200% saturation	1-mil membrane: 1 – 2 min @ 25˚C 2-mil membrane: 90 sec – 3 min	Std.Mthds. 4500-O G, EPA 360.1
Conductivity Low High	± 0.5% or 2 µS/cm ± 0.5% + 2 µS/cm	5 – 20,000 µS/cm*** 150 – 112,000 µS/cm****	Instantaneous Instantaneous	Std.Mthds. 2510, EPA 120.1 Std.Mthds. 2510, EPA 120.1
Extended Parameter (XP) Sensors				
Turbidity	± 5% or 2 NTU	0 – 2000 NTU	Instantaneous (5 sec for first reading)	ISO 7027
Nitrate (NO_3^-)	± 10%	0.14 – 14000 ppm N	< 60 sec (T98), 1.4 to 14 ppm N	Std.Mthds. 4500-NO3 D
Ammonium (NH_4^+)	± 10%	0.14 – 14000 ppm N	< 60 sec (T98), 1.4 to 14 ppm N	Std.Mthds. 4500-NH3 D, EPA 350.3
Chloride (Cl^-)	± 15%	0.35 – 35500 ppm Cl	< 60 sec (T98), 3.54 to 35.45 ppm Cl	

Hardware Specifications

Data Logging	16 programmable tests (defined, scheduled to run or stored) / Logging Modes: Linear, Linear Average, Event
Memory	4 MB (1,000,000 individual readings)
Internal Power	2 -4 internal user-replaceable D batteries (alkaline or high-power lithium) RDO requires 2 lithium batteries, 4 alkaline batteries, or external power
SDI-12	Optional with SDI-12 adapter
Dimensions	TROLL 9000: 45mm (1.79 in) OD X 47.3cm (18.6 in) / TROLL 9000E: 45mm (1.79 in) OD X 59.5cm (18.6 in) RDO sensor adapter: 88.4mm (3.5 in) OD, 20.3cm (8.0 in) long
Weight	TROLL 9000: 1.9 Kg (4.2 lbs) / TROLL 9000E: 2.7 Kg (5.8 lbs)
Wetted materials	316L stainless steel, Acetal, Viton®, nylon, PVC, FEP* or polyurethane (cable)

Battery Life Estimates (assuming a 15-minute sampling interval and 20˚C)

Battery Type	Sensors	Total Data Points	Hours	Days	Months
2 D-sized lithium batteries	Wiper, Temp, Pressure, Baro, Turb, RDO, pH, Cond	121,760	8,117	338	11
2 D-sized lithium batteries	Wiper, Temp, Pressure, Baro, Turb, DO, pH/ORP, Cond	134,110	8,941	373	12
2 D-sized alkaline batteries	Wiper, Temp, Pressure, Baro, Turb, DO, pH/ORP, Cond	69,514	4,634	193	6

* No anode or cathode to scrub or clean.
** Available water quality sensor ports. TROLL 9000 LTS version supports **L**evel, **T**emperature, and one water quality **S**ensor.
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1/9/2005

Santa Margarita River Lagoon Monitoring Project

Data Usability and Assessment Review Laboratory Data

Final

June 2009

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Acronyms

%R	percent recovery
°C	degrees Centigrade
BOR	Bureau of Reclamation
CDM	CDM Federal Programs Corporation
CRG	CRG Marine Laboratories
DNQ	detected not quantifiable
DQI	data quality indicators
DQOs	data quality objectives
EPA	U.S. Environmental Protection Agency
LCS	laboratory control sample
MDL	method detection limit
mg/L	milligrams per liter
MS/MSDs	matrix spike/matrix spike duplicates
MSI	UC Santa Barbara Marine Science Institute Laboratory
NC	not calculable
ND	nondetect
PARCCS	precision, accuracy, representativeness, comparability, completeness, and sensitivity
QA	quality assurance
QA/QC	quality assurance/quality control
QAPP	quality assurance project plan
RL	reporting limit
RPD	relative percent difference
SCCWRP	Southern California Coastal Water Research Project
SDG	sample delivery group
SDRWQCB	San Diego Regional Water Quality Control Board
SOP	standard operating procedures
SQL	sample quantitation limit
TDN	total dissolved nitrogen
TMDL	Total Maximum Daily Load
TN	total nitrogen
UGA	University of Georgia Analytical Chemistry Laboratory

Section 1
Introduction

1.1 Data Usability and Assessment Review

The San Diego Regional Water Quality Control Board (SDRWQCB) issued RWQCB Investigative Order R9-2006-0076 in 2006, requiring development of Total Maximum Daily Loads (TMDLs) for a number of coastal water bodies in San Diego County.

The Santa Margarita Lagoon, at the mouth of the Santa Margarita River in Camp Pendleton, California is one of the identified water bodies potentially impaired for eutrophication. In response to the Investigative Order, the Southern California Coastal Water Research Project (SCCWRP) developed a Work Plan for the lagoon and other potentially impaired water bodies identified by Region 9, containing parameter lists and measurement frequencies designed to meet TMDL model requirements.

CDM Federal Programs Corporation (CDM) was contracted by the Santa Margarita Lagoon Dischargers, through the Bureau of Reclamation (BOR), to perform data collection and monitoring of the Santa Margarita Lagoon. A Quality Assurance Project Plan (QAPP), Santa Margarita Lagoon Monitoring for the RWQCB Investigative Order R9-2006-0076, San Diego County, California, Revision 1 (CDM September 2007) was prepared and approved prior to initiation of the data collection effort.

CDM performed field activities to support the Santa Margarita Lagoon Monitoring Project. Sampling was conducted during eight sampling events: storm water event 1 (January 5, 2008), 2 (January 27, 2008), and 3 (November 26, 2008); dry weather event Index 1 (January and February 2008), Index 2 (March and April 2008), Index 3 (July 2008), Index 4 (September 2008); and the sediment sampling event (December 4, 2008).

The purpose of this assessment is to evaluate the data collected and determine whether they meet the quality objectives outlined in the QAPP. This report details the quality assurance/quality control (QA/QC) activities conducted, describes the data verification, data validation and data usability review, and summarizes the review results.

Section 2
Usability Summary

Samples were collected and analyzed in accordance with the work plan except for some field changes enacted during the investigations. These changes and deviations did not negatively impact the usability of the data but gaps in data may be identified based on these deviations as presented in Section 4.1.

The data reported in this draft usability report is usable as reported with the data validation qualifiers added. Sample results that were rejected "R" are not usable.

Section 3
Quality Assurance Objectives

QA objectives for measuring data are expressed in terms of precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS). The QA objectives provide a mechanism for ongoing control and evaluating and measuring data quality throughout the project.

A review of the collected data is necessary in order to identify if data measurement objectives established in the seven-step data quality objective (DQO) process have been met. In general the following data measurement objectives were considered:

- Specification of particular analytical method and reporting detection limit requirements
- Identification of the appropriate laboratory analytical QC requirements
- Verify if appropriate levels of other PARCCS criteria for the data has been met
- Delineation of specific sample-handling issues or other project-specific issues

The data validation review of the QA objectives verifies if the collected data are of sufficient quality to support their intended use.

Section 4
Summary of Field and Laboratory QA Activities

CDM performed sampling and monitoring of various parameters at four sample locations: Mass Emission, Segment 1, Segment 2, and Ocean Inlet, as described in Section 6.2 of the QAPP. Monitoring for this project was conducted for wet weather sources and within-lagoon sampling; and for dry weather sources and within-lagoon sampling.

CDM completed sampling activities in accordance with the approved QAPP. A summary of the data collected and the analysis performed is presented in Tables 4-1 through 4-5. Samples were collected and shipped to CRG Marine Laboratories (CRG), UC Santa Barbara Marine Science Institute (MSI) Laboratory, and University of Georgia (UGA) Analytical Chemistry Laboratory under subcontract to SCCWRP. The QAPP and associated attachments defined the procedures to be followed and the data quality requirements for the field program.

4.1 Deviations from Field Procedures

Due to conditions encountered in the field, some deviations were made from the QAPP during the fieldwork portion of the Santa Margarita River Lagoon monitoring sampling. The following deviations were encountered during the sampling events:

- Stormwater Event 1: Pollutagraph samples 9 and 10 at Mass Emission site; and Ocean Inlet samples during high and low tides were not collected due to equipment error.
- Stormwater Event 2: No deviations were reported for this sampling event.
- Index Event 1: On Day 2, Ocean Inlet samples were not collected for low tide conditions. A vehicle flat tire caused the field crew to be delayed and miss low tide conditions.
- Index Event 2: No deviations were reported for this sampling event.
- Index Event 3: The Storm Drain site was dry for this sampling event. No samples were collected at this site. The Mass Emissions Site was intermittently dry for this sampling event. No samples were collected on days two and three during the Index period.
- Index 4 Event: The Storm Drain site was entirely dry for this Index sampling period. No samples were collected. The Mass Emissions Site was completely dry during this Index sampling period. No samples were collected.

- Storm Water Event 3: Limited sample was collected at Segment 1 High tide due to equipment error. Pumped volume was less than programmed (sent 50 percent full bottles to CRG).

Samples collected at the Ocean Inlet High tide was limited due to sampling equipment being knocked over by extremely high tide and swell. The remaining volume (50 percent) was submitted to CRG.

With limited time remaining before tidal shift, sampling staff was not permitted immediate access to the Ocean Inlet due to security access issues. As a result of this delay, the Ocean Inlet Low sample collection deviated from the QAPP. Actual sample collected was a 2-hour composite collected every 15 minutes by hand (versus 3-hour composite). Hand sampling was required due to the limitation of tubing length and the low tide characteristics.

Duplicates were collected at Segment 1 and Segment 2 during low tide. Duplicates could not be collected at Site 1 high tide due to insufficient volume.

- Sediment Sampling Event: No deviations were reported for this sampling event.

None of the deviations compromised the quality of the data. Data gaps resulting from the samples that could not be collected may ultimately impact project objectives depending on the uses of the data or impacts to the modeling. Further data collection activities may need to be implemented.

4.2 Field Quality QA/QC

Field QC samples such as matrix spike/matrix spike duplicates (MS/MSDs), field duplicates, and field blanks were collected at the frequency described in the QAPP to determine the quality of the field data. For the entire project, 235 field duplicates, 110 field blank samples, and 20 MS/MSD samples were collected.

Field QA/QC objectives were accomplished through the use of appropriate sampling techniques and collection of field duplicates and field blanks.

Analytical QA/QC was assessed by applicable laboratory QC checks, such as method blanks, sample custody tracking, sample preservation, adherence to holding times, laboratory control samples (LCSs), and MS/MSDs.

4.3 Laboratory Methods

Samples were analyzed using the following methods:

- Method SM 10200H – Chlorophyll-a
- Method SM 2540D – Total Suspended Solids
- Method SM 5210B – Carbonaceous Biochemical Oxygen Demand
- Method SM 4500-NH3-G - Ammonia
- Method SM 4500-NO3-F – Nitrate/Nitrite

- Method SM 4500-NO2-B - Nitrite
- Method SM 4500P C - Orthophosphate
- Method SM 4500P-J – Total Phosphorus
- Method SM 4500P-J – Total Dissolved Phosphorus
- Method SM 4500P-J – Total Nitrogen
- Method SM 4500P-J – Total Dissolved Nitrogen
- Method ASTM D-422, EPA 1995, Plumb 1981 - %fines, %sand/silt/clay
- Method EPA 9060 - % Organic Carbon, % Organic Nitrogen
- Method Nelson 1987 - % Total Phosphorus

All the methods used for these sampling events met project objectives as specified in the QAPP.

Section 5
Data Validation Procedures

Data validation was conducted by qualified CDM data validators. Where specific guidance was not available, the data was evaluated in a conservative manner consistent with industry standards using professional experience. The analyses were validated using the following documents, as applicable to each method:

- U.S. Environmental Protection Agency (EPA), Contract Laboratory Program National Functional Guidelines for Organic Data Review, October 1999
- EPA, Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, October 2004
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January1995; update III, December 1996; and
- Standard Methods for the Examination of Water and Wastewater, 21st Edition, American Public Health Association 2005.

The data validation narratives indicate that the sample analyses generally met the QC criteria cited in the methods. Results associated with QC outliers were qualified by the data validators.

5.1 Qualifier Definitions

The following definitions provide explanations of the qualifiers assigned to results in the data review process.

J Estimated data due to exceeded quality control criteria.

U Analyte was analyzed for but not detected.

UJ Nondetect result is estimated due to exceeded quality control criteria.

R Data is rejected.

ND Non-detect (used by the laboratories for this project)

DNQ Detected not quantifiable (used by the laboratories for this project)

Section 6
Data Quality Indicators

Data Quality Indicators (DQI) criteria were established to ensure precision, accuracy, representativeness, comparability, completeness, and sensitivity of analysis for the analytical fractions and for the media sampled. Analytical QC procedures are detailed in the most current revisions of SW-846 methodologies and laboratory specific criteria. Analytical precision, accuracy, and sensitivity DQOs required for this project are provided in the laboratory SOWs.

The DQIs provide a mechanism for on-going control, to evaluate and measure data quality throughout the project. These criteria are defined in the sections below. Individual sample delivery group (SDGs) validation reports with specific sample detail are provided in Attachment 1.

6.1 Precision

Precision is a quantitative term that estimates the reproducibility of a set of replicate measurements under a given set of conditions. It is defined as a measurement of mutual agreement between measurements of the same property, and is expressed in terms of relative percent difference (RPD) between duplicate determinations.

RPD is calculated as follows:

RPD = absolute value [(C1-C2)/{(C1+C2)/2)}] x 100%

Where: C1 = Concentration of split sample #1
C2 = Concentration of split sample #2

The laboratory analytical precision for the reported data was determined by review of MS/MSD, LCS/LCSD and laboratory duplicate results.

Field analytical precision was determined from the review of the field duplicate results. The field duplicate samples were collected in the same manner as the original samples but were collected in separate, individual containers, given separate sample identifiers and treated as individual samples by the laboratory.

Analytical precision cannot be determined if the reported value is less than the reporting limit (nondetect). Therefore when an analyte is not detected in either duplicate sample, the RPD result is reported as not calculable (NC).

The laboratory duplicate RPD criterion is 20 percent and the field duplicate RPD criterion is 25 percent for water samples and 20 percent for sediment samples. Duplicate results for concentrations close to the detection limits are reviewed based on their absolute differences as compared to their respective quantitation limit values. When the analyte concentration is less than 5 times the reporting limit in either

sample, the criteria used is the absolute difference between the two values which should be less than the reporting limit.

The following laboratory and field analytical RPDs were outside criteria. The data validators qualified the data as discussed below, as required by validation guidelines.

- Storm Water 1 Event: The laboratory duplicate RPD for chlorophyll-a (46 percent) in CRG report CDM001 exceeded the QC RPD limit. Associated samples were qualified as estimated "J/UJ." The field duplicate RPD results were outside of criteria for the following analytes: chlorophyll a; and total suspended solids. For this sampling event only 1 field duplicate pair was collected.

- Storm Water 2 Event: RPD results were all within QC criteria for both the laboratory and field duplicate results.

- Index 1 Event: Laboratory duplicate RPD results were all within QC criteria. The field duplicate RPD results were outside of criteria for the following analytes: chlorophyll-a in 2 of the 4 duplicate pairs (50 percent within criteria); total suspended solids for 1of the 4 duplicate pairs(75 percent within criteria); ammonia for 2 of the 6 duplicate pairs (67 percent within criteria); nitrate + nitrite for 3 of the 6 duplicate pairs (50 percent within criteria); nitrite for 4 of the 6 duplicate pairs (34 percent within criteria); orthophosphate for 3 of the 6 duplicate pairs (50 percent within criteria); total nitrogen for 1 of the 6 duplicate pairs (84 percent within criteria); and total phosphorus for 1 of the 5 duplicate pairs (80 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

- Index 2 Event: The laboratory duplicate RPD for chlorophyll-a (38 percent) in CRG report CDM001i exceeded the RPD QC limit. Associated samples were qualified as estimated "J/UJ." The field duplicate RPD results were outside of criteria for the following analytes: chlorophyll-a in 1 of the 5 duplicate pairs (80 percent within criteria); total suspended solids for 2 of the 6 field duplicate pairs (67 percent within criteria); nitrate + nitrite for 1 of the 7 duplicate pairs (86 percent within criteria); orthophosphate for 2 of the 7 duplicate pairs (72 percent within criteria); total dissolved phosphorus for 1 of the 7 field duplicate pairs (86 percent within criteria); total nitrogen for 3 of the 7 duplicate pairs (58 percent within criteria); and total phosphorus for 2 of the 7 duplicate pairs (72 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

- Index 3 Event: The laboratory duplicate RPDs for total suspended solids (39 percent, 40 percent, and 65 percent) for samples analyzed by CRG were outside of criteria for various samples within this sampling event. Associated samples were estimated "J/UJ." The field duplicate RPD results were outside of criteria for the following analytes: chlorophyll-a for 1 of the 3 duplicate pairs (67 percent within criteria); total suspended solids for 2 of the 4 duplicate pairs (50 percent within criteria); ammonia for 1 of the 3 duplicate pairs (67 percent within criteria);

orthophosphate for 3 of the 3 duplicate pairs (0 percent within criteria); and total phosphorus for 1 of the 3 duplicate pairs (67 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

- Index 4 Event: The laboratory duplicate RPD for chlorophyll-a (40 percent) in CRG report CDM001w was outside of criteria. The chlorophyll-a (38 percent) and total suspended solid (75 percent) RPD results for CRG report CDM001y were outside criteria. Associated samples were estimated "J/UJ." All other laboratory RPD results were within appropriate control limits. The field duplicate RPD results were outside of criteria for the following anlaytes: ammonia for 3 of the 4 duplicate pairs (25 percent within criteria); and orthophosphate for 1 of the 4 duplicate pairs (75 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

- Storm Water Event 3: Laboratory duplicate RPD results were all within QC criteria. The field duplicate RPD results were outside of criteria for the following analytes: ammonia for 1 of the 2 duplicate pairs (50 percent within criteria); total dissolved phosphorus in 1 of the 2 duplicate pairs (50 percent within criteria); and total nitrogen in 1 of the 2 duplicate pairs (50 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

- Sediment Sampling Event: Laboratory RPD results were all within QC criteria. The field duplicate RPD results were outside of criteria for percent fines in 1 of the 2 duplicate pairs (50 percent within criteria). The parent sample and the field duplicate sample were qualified as estimated "J."

Field duplicate results are shown on Table 6-1. As stated above, the qualifiers shown on the table have been applied to the parent sample and field duplicate samples only.

Table 6-2 quantifies by percentages the field duplicate results that were within criteria.

6.2 Accuracy

Accuracy is the degree of agreement of a measurement with an accepted reference or true value, and is a measure of the bias in a system. Accuracy of the data was assessed by comparing LCS recovery, MS recovery, and other applicable laboratory QC. Accuracy is expressed as a percent recovery, which was calculated by:

$$Percent\ Re\ covery = \frac{(Total\ Analyte\ Found - Analyte\ Originally\ Present) \times 100}{Analyte\ Added}$$

Accuracy results assist in identifying the type and magnitude of effects that contribute to the systemic error introduced via field and/or laboratory procedures. CDM validators reviewed the laboratories' data for accuracy, through the reported MS and LCS recoveries. Recoveries outside criteria are summarized below. The data validators qualified the data as required by the validation guidance.

- Storm Water 1 Event: All reported laboratory percent recovery (%R) results were within criteria.
- Storm Water 2 Event: All reported laboratory %R results were within criteria.
- Index 1 Event: All reported laboratory %R results were within criteria.
- Index 2 Event: All reported laboratory %R results were within criteria.
- Index 3 Event: All reported laboratory %R results were within criteria.
- Index 4 Event: All reported laboratory %R results were within criteria for CRG and MSI data. For UGA data, two MS samples for total dissolved phosphorus and three MS samples for total phosphorus had %Rs that were outside of criteria. Associated sample results were estimated "J/UJ."
- Storm Water Event 3: All reported laboratory %R results were within criteria.
- Sediment Sampling Event: All reported laboratory %R results were within criteria.

CDM validators also reviewed the sample collection and handling documentation to evaluate field sampling affects on accuracy. The validation evaluated/reviewed specific analytical QC measure of analytical accuracy and matrix influences.

Sample Preservation and Holding Times

Sample preservation, handling, and holding times are evaluated during the validation process. It is noted that by agreement between SCCWRP and SDRWQCB, samples for nutrient analyses were permitted to be filtered and frozen, increasing the holding time from 48 hours to 28 days. Preservation criteria (± 4 degrees Centigrade [°C]) and holding times as specified in the QAPP were met for all samples except for the following:

- Storm Water 1 Event: One cooler temperature for CRG Laboratory SDG CDM001 was received at 8 °C, slightly above the criteria. The samples were received by the laboratory shortly after collection and as a result stabilization of the temperature of the samples was potentially not reached. These samples were appropriately preserved once received by the laboratories. No qualifications are recommended as sample integrity has not been compromised due to the slightly higher cooler temperatures. Samples analyzed by UGA for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. All results were estimated "J/UJ."
- Storm Water 2 Event: One cooler temperature for CRG Laboratory SDG CDM001 was received at 8 °C, slightly above the criteria. The samples were received by the laboratory shortly after collection and as a result stabilization of the temperature of the samples was potentially not reached. Samples were appropriately preserved

once received by the laboratories. No qualifications are recommended as sample integrity has not been compromised due to the slightly higher cooler temperatures.

- Index 1 Event: One cooler temperature for SDG CDM001c (CRG Laboratory) was received at 8 °C, slightly above the criteria. The samples were received by the laboratory shortly after collection and as a result stabilization of the temperature of the samples was potentially not reached. Samples were appropriately preserved once received by the laboratories. No qualifications are recommended as sample integrity has not been compromised due to the slightly higher cooler temperatures. Samples analyzed by MSI and collected on 1/30/08 and 1/31/08 were analyzed outside of the 28 day holding time criteria. All results for ammonia, orthophosphate, nitrate/nitrite, and nitrite were estimated "J/UJ." Samples analyzed by UGA for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. All results were estimated "J/UJ."

- Index 2 Event: Eight cooler temperatures were slightly above the criteria for the following CRG Laboratory SDGs. For SDG CDM001i, the cooler temperatures were 3.7 °C and 11 °C. These samples were received by the laboratory within approximately 7 hours of collection. For SDG CDM001j the cooler temperatures were 3.7 °C and 12 °C. These samples were received by the laboratory within approximately 7 hours of collection. For SDG CDM001k, the cooler temperature was 12 °C. The samples were received by the laboratory within approximately 7 hours of collection. For SDG CDM001l, there was no cooler temperature recorded. Samples were received by the laboratory within approximately 3 hours of collection. For SDG CDM001n, the cooler temperature was 12 °C. Samples were received by the laboratory within approximately 10 hours of collection. For SDG CDM001o the cooler temperature was 12 °C. Samples were received by the laboratory within approximately 10 hours of collection. As a result of the expedited delivery of the sample coolers, the stabilization of the temperature of the samples was potentially not reached. Samples were appropriately preserved once received by the laboratories. No qualifications are recommended as sample integrity has not been compromised due to the slightly higher cooler temperatures. UGA samples for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. All results were estimated "J/UJ."

- Index 3 Event: Three cooler temperatures were slightly above the criteria for the following CRG Laboratory SDGs. For SDG CDM001s, the cooler temperate was 10 °C. For SDG CDM001t, the cooler temperature was 9 °C. For SDG CDM001u, the cooler temperature was 7 °C. For SDG CDM001v, the cooler temperature was 7 °C. These samples were received by the laboratory shortly after collection and as a result stabilization of the temperature of the samples was potentially not reached. Samples were appropriately preserved once received by the laboratories. No qualifications are recommended as sample integrity has not been comprised due to the slightly higher cooler temperatures. For the samples analyzed by UGA

laboratory, no cooler temperature was reported with the database but samples were shipped frozen. Samples analyzed by UGA for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. All results were estimated "J/UJ." Samples analyzed by MSI and collected between 7/21 and 7/24/08 for ammonia, nitrate/nitrite, nitrite, and orthophosphate were analyzed outside of the 28 day holding time criteria. Associated results were estimated "J/UJ."

- Index 4 Event: Four cooler temperatures were slightly above the criteria for the following CRG Laboratory SDGs. For SDG CDM001w, the cooler temperature was 8 °C. For SDG CDM001x, the cooler temperature was 7 °C. For SDG CDM001y, the cooler temperature was 9 °C. For SDG CDM001z, the cooler temperature was 9 °C. For SDG CDM001aa, the cooler temperature was 8 °C. The samples were received by the laboratory shortly after collection so stabilization of the temperature of the samples was potentially not reached. Samples were appropriately preserved once received by the laboratories. No qualifications are recommended as sample integrity has not been compromised due to the slightly higher cooler temperatures. For samples sent to UGA and MSI laboratories, no cooler temperatures were reported with the database but samples were shipped frozen. Samples analyzed by UGA and collected between 9/29 and 10/1/08 for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. Associated results were estimated "J/UJ."

- Storm Water Event 3: All holding times and preservation criteria was met for samples analyzed by CRG. For samples sent to UGA and MSI laboratories, no cooler temperature was reported with the database but samples were shipped frozen. All samples analyzed by UGA during this event for total dissolved nitrogen, total nitrogen, total dissolved phosphorous, and total phosphorous were analyzed outside of the 28 day holding time criteria. All results were estimated "J/UJ."

- Sediment Sampling Event: All holding times and preservation criteria were met for the sediment analyses.

Total Dissolved Nitrogen and Total Nitrogen Evaluation

During the study, samples were collected for total and dissolved nitrogen by method SM4500P-J. A review of the early results (Index 1 through Index 3) showed obvious problems (sampling or analytical) with the total nitrogen (TN) and total dissolved nitrogen (TDN) results. The TDN results were consistently reported above the levels measured in the TN samples. All of the TDN samples were filtered in the field prior to submission to the laboratories.

An evaluation was conducted by Weston Solutions, who were participating in a parallel lagoon monitoring effort in San Diego County, prior to the fourth Index dry sample period. De-ionized water was processed through a variety of commercially

available 0.45 µm filters (Fischer and Whatman) in both the field and laboratory. Weston Solutions produced a report that discusses these results. A single page of this report was provided to CDM. A conclusion of this study included:

- The use of Whatman filters without pre-rinsing led to an increase of approximately 0.04 milligrams per liter (mg/L) nitrogen in the TDN samples.

In addition to total nitrogen contributions from the filtering apparatus, (CDM used disposable filters), variability in the sampling and decreased analytical precision by the laboratories for nitrogen concentrations near the reporting limits can play an important role in the observations of TDN concentrations reported at higher concentrations than TN concentrations. Precision of the analytical method is usually measured through the analysis of LCS/LCSDs. Typical control limits for LCS recoveries are +/- 80 percent for the LCS and +/- 20 RPD between the LCS and LCSD. These ranges in laboratory precision could account for some of the variability of TDN and TN results for sample pairs with results within +/-20 percent RPD and contribution of nitrogen in the samples from the filters. A total of 252 out of the 352 of the TDN results were reported above the TN results. If all of the nitrogen in the samples were contained in the dissolved phase, approximately 50 percent of the TDN results would be slightly higher and 50 percent would be slightly lower than the TN results. As a result of this analysis and further discussions with the Stakeholder group, all TDN results collected for this project have been rejected and qualified with an "R."

6.3 Blank Contamination

As stated in the work plan, equipment rinsate blanks were to be prepared and submitted for analysis with primary samples. The equipment rinsate blank consisted of analyte-free water used to rinse sampling equipment as the last step in the decontamination process. This QC sample serves as a check for effectiveness of the decontamination process.

Source blanks consisted of target analyte-free water provided by the laboratory or deionized water used by sampling personnel for equipment decontamination. The analyte-free water is placed into the sampling container and analyzed for the same parameters as the primary samples. This QC sample serves as a check of the cleanliness of the water used for decontamination.

During the first sampling event it was found to be more efficient and effective to use disposable sampling equipment for sample collection. For Stormwater Events 1 and 2 and Index Events 1 and 2, no field blanks were collected. All the sample equipment for these events were dedicated to the sampling location or were disposable and were used for one sample and then discarded. For the remaining sample events, field blanks were collected but the equipment used during these last sampling events was also disposable. The field blanks collected for the remaining sampling events essentially served no purpose. Because disposable sampling equipment was used the

need for decontamination rinsate blanks and source blanks had been eliminated. These blanks were collected to fulfill the requirements of the Work Plan and QAPP.

Table 6-3 shows the target analytes detected in the field blanks associated with Index 3 and 4 events and Storm Water Event 3. Table 6-4 quantifies the field blank concentrations by event, media and analyte. Because disposable (one time use) equipment was used, data qualification is not appropriate.

Laboratory method blanks are analyzed to identify possible contamination introduced by sample handling, preparation, and/or analysis.

- Storm Water 1 Event: No field blanks were collected for this event. No analytes were detected in the laboratory blanks.
- Storm Water 2 Event: No field blanks were collected for this event. No analytes were detected in the laboratory blanks.
- Index 1 Event: No field blanks were collected for this event. No analytes were detected in the laboratory blanks.
- Index 2 Event: No field blanks were collected for this event. No analytes were detected in the laboratory blanks.
- Index 3 Event: Low level detections of chlorophyll a (2 out of 3 blanks), ammonia (3 out of 3 blanks), nitrate + nitrite (2 out of 3 blanks), nitrite (3 out 3 blanks), orthophosphate (3 out of 3 blanks), total dissolved nitrogen (3 out of 3 blanks), total dissolved phosphorus (3 out of 3 blanks), total nitrogen (3 out of 3 blanks), and total phosphorus (1 out of 3 blanks) were measured in the field blanks collected with this event (Tables 6-3 and 6-4). No target analytes were detected in the laboratory blanks.
- Index 4 Event: Low level detections of total suspended solids (1 out of 6 blanks), ammonia (3 out of 3 blanks), orthophosphate (2 out of 3 blanks), total dissolved nitrogen (6 out of 6 blanks), total dissolved phosphorus (3 out of 6 blanks), total nitrogen (5 out of 6 blanks), and total phosphorus (3 out of 6 blanks) were measured in the field blanks collected with this event (Tables 6-3 and 6-4). No target analytes were detected in the laboratory blanks.
- Storm Water Event 3: Low level detections of carbonaceous biochemical oxygen demand (1 out of 1 blank), ammonia (1 out of 1 blank), nitrate + nitrite (1 out of 1 blank), nitrite (1 out of 1 blank), total dissolved nitrogen (1 out of 1 blank), total dissolved phosphorus (1 out 1 blank), total nitrogen (1 out of 1 blank), and total phosphorus (1 out of 1 blank) were measured in the field blanks collected with this event (Tables 6-3 and 6-4). No target analytes were detected in the laboratory blanks.

- Sediment Sampling Event: No laboratory or field blank samples were analyzed with the carbon, nitrogen, % sand, and % fines. For the % total phosphorus sediment analysis, laboratory blanks were analyzed with the samples and all concentrations were measured below the reporting limits. Field blanks were not collected for % total phosphorus.

Section 7
Representativeness, Comparability, and Sensitivity

Representativeness and comparability are achieved by using approved, documented sampling procedures and analytical methodologies. By following the approved QAPP for stormwater and dry weather sampling and soil sampling, sampling events should yield results representative of environmental conditions at the time of sampling. Similarly, reasonable comparability of analytical results for this, and future sampling events, can be achieved if the same approved analytical methods and sampling procedures are employed.

A review of reported sample result detection limits compared to the QAPP requirements ensures the collected data meets project objectives for sensitivity.

7.1 Representativeness

Representativeness is a qualitative term that expresses the degree to which the sample data accurately and precisely represent the environmental conditions corresponding to the location and depth interval of sample collection. Requirements and procedures for sample collection are designed to maximize sample representativeness.

Representativeness can be monitored by reviewing field documentation and/or by performing field audits. Chain of custodies and field notes were reviewed by the field team leader for all sampling events. The field team leader also performed audits of the sampling activities including checking paperwork and sampling methods. Appropriate laboratory QA/QC requirements were described in the QAPP to ensure that the laboratory analytical results were representative of true field conditions.

Field sampling accuracy was attained through strict adherence to the approved final work plan and by using approved analytical methods for sample analyses. Based on this, the data should represent as near as possible the actual field conditions at the time of the sampling.

By using EPA approved sampling procedures, analytical methodologies, and written standard operating procedures (SOPs), as presented in the QAPP, this and future sampling events should yield results representative of environmental conditions at the time of sampling.

Representativeness, as defined above, has met the applicable requirements for field work and laboratory analyses. Deviations to the planned sampling activities were minimal and did not compromise the quality of the data to represent conditions within the project area. Therefore, the data collected are suitable for a representative characterization of the project area.

7.2 Comparability

Comparability is a qualitative term that expresses the confidence with which a data set can be compared with another. Strict adherence to standard sample collection procedures, analytical detection limits, and analytical methods assures that data are comparable. This comparability is independent of laboratory personnel, data reviewers, or sampling personnel. Comparability criteria are met for the project if, based on data review, the sample collection and analytical procedures are determined to have been followed, or defined to show that variations did not affect the values reported.

To ensure comparability of data generated for the site, standard sample collection procedures and approved analytical methods were utilized by CDM. Sample analyses were performed by the subcontract laboratories using the equivalent methodology. Utilizing such procedures and methods enables the current data to be comparable with the previous data sets generated with similar methods.

For the purposes of this data usability report, comparability has been met for the water samples for Stormwater Events 1, 2, 3 and Index Events 1 through 4 and the sediment samples.

7.3 Sensitivity

Sensitivity is related to the ability to compare analytical results with project-specific levels of interest, such as delineation levels or action levels. Analytical quantitation limits for the various sample analytes should be below the level of interest to allow an effective comparison.

Detection Limits

Each analytical method used during the monitoring sampling was chosen because it has a reporting limit (RL) at or below the level of concern. For each analyte, the QAPP provided a RL that the laboratory was to achieve to provide analytical results at or below regulatory comparison criteria (see Table 7-1).

The RL is generally equal to or greater than the method detection limit (MDL). The RLs are set above MDLs to allow for sample matrix interferences and minimize false positives.

Development of the MDL is detailed in 40 CFR part 136 Appendix B as "the minimum concentration of a substance that can be measured and reported with a 99 percent confidence that the analyte concentration is greater than zero…" Generated by statistical analysis of multiple analyses of a low level standard, MDLs represent the best fundamental measurement of instrument sensitivity and the basis for establishing reporting limits.

Reporting limits are a compromise between analytical sensitivity and precision. Setting low RLs can lead to poorly defensible data due to false positive (Type I)

and/or false negative (Type II) errors, whereas elevated RLs can hamper site characterization. Laboratory determinations of MDLs are performed on non-typical samples (e.g., distilled water) leading to idealized limits. Confidence in detection limits increases with instrument signal level above the MDL, and higher limits mean better precision.

Laboratory results are reported according to rules that provide established certainty of detection and reporting limits. The result for an analyte is flagged with a "U" if that analyte was not detected (i.e., was not present at a concentration above a stated limit). For the purposes of this report, the laboratories reported a nondetect value as a negative number with a nondetect (ND) qualifier. If an analyte is present at a concentration between the MDL and the RL, the analytical result was flagged as detected not quantifiable (DNQ), indicating an estimated quantity. Qualifying the result as an estimated concentration reflects increased uncertainty in the reported value.

Although the RL of some analyte groups are set high to avoid Type I (e.g., SVOCs) and Type II errors, these limits provide a conservative picture of the nature and extent of contamination and the associated risk.

Table 7-1 presents an evaluation of all nondetect results as compared to RLs, as cited in the QAPP. Detection limits for the specific events are discussed below:

- Storm Water 1 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Storm Water 2 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Index 1 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Index 2 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Index 3 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Index 4 Event: Detection limits were either at or below the required project quantitation limits for all methods.
- Storm Water Event 3: Detection limits were either at or below the required project quantitation limits for all methods.
- Sediment Sampling Event: Detection limits were either at or below the required project quantitation limits for all methods.

7.4 Data Completeness

Completeness of the field program is defined as the percentage of samples planned for collection as listed in the QAPP versus the actual samples collected during the field program (see equation A).

Completeness for acceptable data is defined as the percentage of acceptable data obtained judged to be valid versus the total quantity of data generated (see equation B.) Acceptable data includes both data which passes all the QC criteria (unqualified data) and data that may not pass all of the QC criteria but had appropriate corrective actions taken (qualified but useable data).

A. $$\%\ \text{Field Completeness} = C x \frac{100}{n}$$

Where: C = actual number of samples collected
n = total number of samples planned

B. $$\%\ \text{Analytical Completeness} = V x \frac{100}{n'}$$

Where: V = number of measurements judged valid
n' = total number of measurements made

The list of samples collected and parameters analyzed are shown on Tables 4-1 through 4-5. Table 7-2 discusses the completeness goals by analyte and events. Below is a summary of the sample collection activities per sampling event.

- Storm Water 1 Event: Pollutagraph samples 9 and 10 at Mass Emission site; and Ocean Inlet samples during high and low tides were not collected due to equipment error.
- Storm Water 2 Event: All samples were collected in accordance with the QAPP. Forty-nine analyses could not be completed due to broken bottles during shipment.
- Index 1 Event: On Day 2, Ocean Inlet samples were not collected for low tide conditions. A vehicle flat tire caused the field crew to be delayed and miss the low tide conditions. Eight analyses could not be completed due to broken bottles during shipment.
- Index 2 Event: All samples were collected in accordance with the QAPP.
- Index 3 Event: The Storm Drain site was dry for this sampling event so no samples were collected in this area. The Mass Emission site was intermittently dry for this sampling event so no samples were collected on days two and three.
- Index 4 Event: The Storm Drain site was dry for this sampling event so no samples were collected in this area. The Mass Emissions Site was completely dry during this sampling event so no samples were collected in this area. The remaining samples were collected in accordance with the QAPP.

- Storm Water Event 3: All samples were collected in accordance with the QAPP and all analyses could be performed despite equipment problems noted in Section 3.1.
- Sediment Sampling Event: All samples were collected in accordance with the QAPP. Two analyses could not be completed due to samples being spilled at the laboratory.

The overall completeness goal for this project was 90 percent for all validated project data.

The completeness of the field program was above 90 percent for the actual number of samples collected versus the total number of samples planned for all analyses.

The completeness for acceptable data achieved was 91 percent for the number of measurements judged to be valid versus the total number of measurements made. One hundred percent of the total dissolved nitrogen results were rejected due to filter sampling issues, as discussed previously.

The completeness goals for both the number of samples collected and the number of measurements evaluated to be valid were met for the majority of the analyses and samples collected.

Section 8
Assessment of Data Usability and Reconciliation with QAPP Goals

Table 8.1 provides a summary of all qualifiers applied to the samples collected for this investigation as well as the reasons the results were qualified. In general, there were 3,389 sample results excluding field duplicates. A total of 54 samples were not analyzed due to the sample bottles being broken en route to the laboratories.

Out of the 3,335 (all sample results analyzed) 1,406 results were qualified based on the validation criteria. A total of 1,080 detected results were qualified as estimated "J" of which 49 were due to field duplicate criteria, 993 were due to holding time exceedances, 72 were due to laboratory duplicate criteria, and 71 were due to MS/MSD criteria.

A total of 31 nondetect results were qualified as estimated "UJ." Of these, 30 were estimated due to holding time exceedances, 1 was estimated due to laboratory duplicate criteria, 30 had holding time exceedances and 7 had MS/MSD exceedances.

A total of 298 total dissolved nitrogen results were rejected "R" due to unquantifiable nitrogen signature due to filtering methodology. Two hundred and forty-four of these results were also outside of holding time criteria.

Tables 8-2 to 8-9 further define the parameters analyzed and the results that were qualified by sampling event.

Table 8-10 summarizes the DQOs and the levels achieved for the analytical parameters. In general, the majority of the DQOs were met for the samples collected. All of the total dissolved nitrogen results are suspect due to the reasons discussed previously and have been rejected accordingly. Data that could not be collected may result in data gaps for the TMDL modeling activities. Further sampling may be necessary.

Most of the data reported is suitable for its intended use as stated in the QAPP with the exception of the dissolved nitrogen results that have been qualified as rejected. Detection limits were met for all analyses. The achievement of the completeness goal for usable data provides sufficient data for project decisions.

Section 9
References

CDM Federal Programs. 2007. Quality Assurance Project Plan, Santa Margarita Lagoon Monitoring for the RWQCB Investigative Order R9-2006-0076, Revision 1, San Diego County, California, September.

EPA (U.S. Environmental Protection Agency). 2004. Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, October.

_____. 1999. Contract Laboratory Program National Functional Guidelines for Organic Data Review, October.

_____. 1996. SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January1995; update III, December.

Standard Methods for the Examination of Water and Wastewater, 21st Edition, American Public Health Association. 2005.

Attachment 1
Specific Data Evaluation Reports and Qualified Form Is for each Sampling Event

Table 4-1
Santa Margarita River
Samples Collected and Analyzed for Storm Water Events 1, 2 and 3

Lab	CRG																	
Sample Location ID	**Cabonaceous Biological Oxygen Demand**						**Chlorophyll a**						**Total Suspended Solids**					
	High Tide			**Low Tide**			**High Tide**			**Low Tide**			**High Tide**			**Low Tide**		
	SW #1	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**
Polutagraph 1*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 2*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 3*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 4*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 5*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 6*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 7*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 8*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 9*	EQ	X	X	---	---	---	EQ	X	X	---	---	---	EQ	X	X	---	---	---
Polutagraph 10*	EQ	X	X	---	---	---	EQ	X	X	---	---	---	EQ	X	X	---	---	---
Ocean Inlet	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X
Segment 1	X	XX	X	XX	X	X	X	XX	X	XX	X	XX	X	XX	X	XX	X	XX
Segment 2	X	X	X	X	X	X	X	X	X	X	X	XX	X	X	X	X	X	XX
TOTAL	44						44						44					

Key:
* = samples taken hourly, not based on tidal flow
X = Sample Collected at this Location
XX = Field Duplicate Taken
XBKN = Duplicate sample collected but did not arrive at the lab intact
BKNX = Duplicate sample collected, primary sample did not arrive at the lab intact
--- = Sample Not Collected
BKN = Sample collected but broken en route to laboratory. No product recovered.
EQ = Equipment error

Table 4-1
Santa Margarita River
Samples Collected and Analyzed for Storm Water Events 1, 2 and 3

Lab	MSI																	
Sample Location ID	**Ammonium-N**						**Nitrate + Nitrite-N**						**Orthophosphate**					
	High Tide			**Low Tide**			**High Tide**			**Low Tide**			**High Tide**			**Low Tide**		
	SW #1	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**
Polutagraph 1*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 2*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 3*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 4*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 5*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 6*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 7*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 8*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 9*	EQ	X	X	---	---	---	EQ	X	X	---	---	---	EQ	X	X	---	---	---
Polutagraph 10*	EQ	BKN	X	---	---	---	EQ	BKN	X	---	---	---	EQ	BKN	X	---	---	---
Ocean Inlet	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X
Segment 1	X	XBKN	X	XX	BKN	XX	X	XBKN	X	XX	BKN	XX	X	XBKN	X	XX	BKN	XX
Segment 2	X	BKN	X	X	X	XX	X	BKN	X	X	X	XX	X	BKN	X	X	X	XX
TOTAL	37						37						37					

Key:
* = samples taken hourly, not based on tidal flow
X = Sample Collected at this Location
XX = Field Duplicate Taken
XBKN = Duplicate sample collected but did not arrive at the lab intact
BKNX = Duplicate sample collected, primary sample did not arrive at the lab intact
--- = Sample Not Collected
BKN = Sample collected but broken en route to laboratory. No product recovered.
EQ = Equipment error

Table 4-1
Santa Margarita River
Samples Collected and Analyzed for Storm Water Events 1, 2 and 3

Lab							UGA											
Sample Location ID	**Nitrite**						**Total Nitrogen**						**Total Dissolved Nitrogen**					
	High Tide			**Low Tide**			**High Tide**			**Low Tide**			**High Tide**			**Low Tide**		
	SW #1	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**
Polutagraph 1*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 2*	X	BKN	X	---	---	---	X	X	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 3*	X	X	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 4*	X	X	X	---	---	---	X	X	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 5*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	X	X	---	---	---
Polutagraph 6*	X	BKN	X	---	---	---	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 7*	X	X	X	---	---	---	X	X	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 8*	X	BKN	X	---	---	---	X	BKN	X	---	---	---	X	X	X	---	---	---
Polutagraph 9*	EQ	X	X	---	---	---	EQ	X	X	---	---	---	EQ	X	X	---	---	---
Polutagraph 10*	EQ	BKN	X	---	---	---	EQ	X	X	---	---	---	EQ	BKN	X	---	---	---
Ocean Inlet	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X
Segment 1	X	XBKN	X	XX	BKN	XX	X	BKNX	X	XX	X	XX	X	XX	X	XX	X	XX
Segment 2	X	BKN	X	X	X	XX	X	X	X	X	X	XX	X	BKN	X	X	X	XX
TOTAL	37						41						39					

Key:
* = samples taken hourly, not based on tidal flow
X = Sample Collected at this Location
XX = Field Duplicate Taken
XBKN = Duplicate sample collected but did not arrive at the lab intact
BKNX = Duplicate sample collected, primary sample did not arrive at the lab intact
--- = Sample Not Collected
BKN = Sample collected but broken en route to laboratory. No product recovered.
EQ = Equipment error

Table 4-1
Santa Margarita River
Samples Collected and Analyzed for Storm Water Events 1, 2 and 3

Lab	UGA											
Sample Location ID	**Total Phosphorus**						**Total Dissolved Phosphorus**					
	High Tide			**Low Tide**			**High Tide**			**Low Tide**		
	SW #1	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**	**SW #1**	**SW #2**	**SW #3**
Polutagraph 1*	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 2*	X	X	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 3*	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 4*	X	X	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 5*	X	BKN	X	---	---	---	X	X	X	---	---	---
Polutagraph 6*	X	X	X	---	---	---	X	X	X	---	---	---
Polutagraph 7*	X	XX	X	---	---	---	X	BKN	X	---	---	---
Polutagraph 8*	X	BKN	X	---	---	---	X	X	X	---	---	---
Polutagraph 9*	EQ	X	X	---	---	---	EQ	X	X	---	---	---
Polutagraph 10*	EQ	X	X	---	---	---	EQ	BKN	X	---	---	---
Ocean Inlet	EQ	X	X	EQ	X	X	EQ	X	X	EQ	X	X
Segment 1	X	BKNX	X	XX	X	XX	X	XX	X	XX	X	XX
Segment 2	X	X	X	X	X	XX	X	BKN	X	X	X	XX
TOTAL	41						39					

Key:
* = samples taken hourly, not based on tidal flow
X = Sample Collected at this Location
XX = Field Duplicate Taken
XBKN = Duplicate sample collected but did not arrive at the lab intact
BKNX = Duplicate sample collected, primary sample did not arrive at the lab intact
--- = Sample Not Collected
BKN = Sample collected but broken en route to laboratory. No product recovered.
EQ = Equipment error

Table 4-5
Santa Margarita River
Samples Collected and Analyzed for Index 4 Event

Lab	CRG																																			
Sample Location ID	Cabonaceous Biological Oxygen Demand												Chlorophyll a												Total Suspended Solids											
	High Tide						Low Tide						High Tide						Low Tide						High Tide						Low Tide					
	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6
Mass Emmision*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ocean Inlet	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Segment 1	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X
Segment 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Storm Drain	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Transect 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 2	---	---	---	X	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 3	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 6	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---
Transect 7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---
Transect 9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---
Transect 10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 11	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Transect 12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---
Field Blank*	X	X	X	X	X	X	---	---	---	---	---	---	X	X	X	X	X	X	---	---	---	---	---	---	X	X	X	X	X	X	---	---	---	---	---	---
TOTAL	48												66												66											

Key:
* = At ME Site, only one sample is taken; not based on tidal flow; Completely dry conditions during Index 4 period
X = Sample Collected at this Location
XX = Field Duplicate Taken
--- = Sample Not Collected
BKN- Sample collected but broke en route to laboratory. No product recovered.
LB = Sample lost during lab centrifugation; bottle broke

Table 4-5
Santa Margarita River
Samples Collected and Analyzed for Index 4 Event

Lab	MSI																																															
Sample Location ID	Ammonium-N												Nitrate + Nitrite-N												Orthophosphate												Nitrite											
	High Tide						Low Tide						High Tide						Low Tide						High Tide						Low Tide						High Tide						Low Tide					
	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6
Mass Emmision*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ocean Inlet	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Segment 1	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X
Segment 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Storm Drain	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Transect 1	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 2	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 3	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 4	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 5	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 6	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---
Transect 7	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 8	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---
Transect 9	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---
Transect 10	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 11	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 12	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Field Blank*	X	X	X	X	LB	X	---	---	---	---	---	---	X	X	X	X	LB	X	---	---	---	---	---	---	X	X	X	X	LB	X	---	---	---	---	---	---	X	X	X	X	LB	X	---	---	---	---	---	---
TOTAL	65												65												65												65											

Key:
* = At ME Site, only one sample is taken; not based on tidal flow; Completely dry conditions during Index 4 period
X = Sample Collected at this Location
XX = Field Duplicate Taken
--- = Sample Not Collected
BKN- Sample collected but broke en route to laboratory. No product recovered.
LB = Sample lost during lab centrifugation; bottle broke

Table 4-5
Santa Margarita River
Samples Collected and Analyzed for Index 4 Event

Lab	UGA																																															
Sample Location ID	Total Nitrogen												Total Dissolved Nitrogen												Total Phosphorus												Total Dissolved Phosphorus											
	High Tide						Low Tide						High Tide						Low Tide						High Tide						Low Tide						High Tide						Low Tide					
	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6	D1	D2	D3	D4	D5	D6
Mass Emmision*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ocean Inlet	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Segment 1	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X	XX	XX	X	X	X	X	X	X	XX	XX	X	X
Segment 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Storm Drain	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Transect 1	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 2	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 3	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 4	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 5	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 6	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---
Transect 7	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 8	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---
Transect 9	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---	---	---	XX	---	---	---	---	---	X	---	---	---
Transect 10	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 11	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Transect 12	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---	---	---	X	---	---	---
Field Blank*	X	X	X	X	X	X	---	---	---	---	---	---	X	X	X	X	X	X	---	---	---	---	---	---	X	X	X	X	X	X	---	---	---	---	---	---	X	X	X	X	X	X	---	---	---	---	---	---
TOTAL	66												66												66												66											

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X = Sample Collected at this Location
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BKN- Sample collected but broke en route to laboratory. No product recovered.
LB = Sample lost during lab centrifugation; bottle broke

Table 6-1
Santa Margarita River
Field Duplicate Results

Lab	Event	Analyte Name	Lab Sample ID	Result	Duplicate Lab Sample ID	Duplicate Result	Unit	RPD	Qualifier
CRG	Index 1	Carbonaceous Biochemical Oxygen Demand	SM-I1D3-S2H-1	-1	SM-I1D3-S2H-2	-1	mg/L	NC	
CRG	Index 1	Carbonaceous Biochemical Oxygen Demand	SM-I1D4-S1H-1	-2	SM-I1D4-S1H-2	5.9	mg/L	NC	
CRG	Index 1	Carbonaceous Biochemical Oxygen Demand	SM-I1D5-S1H-1	4	SM-I1D5-S1H-2	-2	mg/L	NC	
CRG	Index 1	Carbonaceous Biochemical Oxygen Demand	SM-I1-TR1H-1	-2	SM-I1-TR1H-2	-2	mg/L	NC	
CRG	Index 1	Chlorophyll a	SM-I1D3-S2H-1	4.5	SM-I1D3-S2H-2	7.1	mg/m3	44.83	J
CRG	Index 1	Chlorophyll a	SM-I1D5-S1H-1	29.4	SM-I1D5-S1H-2	18.7	mg/m3	44.49	J
CRG	Index 1	Chlorophyll a	SM-I1-TR1H-1	12.8	SM-I1-TR1H-2	14.6	mg/m3	13.14	
CRG	Index 1	Chlorophyll a	SM-I1-TR9L-1	7.1	SM-I1-TR9L-2	5.3	mg/m3	29.03	None
CRG	Index 1	Total Suspended Solids	SM-I1D3-S2H-1	9.5	SM-I1D3-S2H-2	8.5	mg/L	11.11	
CRG	Index 1	Total Suspended Solids	SM-I1D5-S1H-1	270	SM-I1D5-S1H-2	66	mg/L	121.43	J
CRG	Index 1	Total Suspended Solids	SM-I1-TR1H-1	4.7	SM-I1-TR1H-2	8	mg/L	51.97	None
CRG	Index 1	Total Suspended Solids	SM-I1-TR9L-1	8.7	SM-I1-TR9L-2	6.3	mg/L	32.00	None
MSI	Index 1	Ammonia	SM-I1D3-S1H-1	0.04	SM-I1D3-S1H-2	0.03	mg/L	19.61	
MSI	Index 1	Ammonia	SM-I1D4-S1H-1	0.095	SM-I1D4-S1H-2	0.29	mg/L	102.16	J
MSI	Index 1	Ammonia	SM-I1D5-S1H-1	0.58	SM-I1D5-S1H-2	0.47	mg/L	19.49	
MSI	Index 1	Ammonia	SM-I1D6-S1H-1	0.36	SM-I1D6-S1H-2	0.34	mg/L	5.62	
MSI	Index 1	Ammonia	SM-I1-TR1H-1	0.0029	SM-I1-TR1H-2	0.003	mg/L	4.88	
MSI	Index 1	Ammonia	SM-I1-TR9L-1	0.02	SM-I1-TR9L-2	0.04	mg/L	54.55	J
MSI	Index 1	Nitrate + Nitrite	SM-I1D3-S1H-1	5.379	SM-I1D3-S1H-2	3.63	mg/L	38.88	J
MSI	Index 1	Nitrate + Nitrite	SM-I1D4-S1H-1	2.56	SM-I1D4-S1H-2	3.84	mg/L	39.82	J
MSI	Index 1	Nitrate + Nitrite	SM-I1D5-S1H-1	15.86	SM-I1D5-S1H-2	15.93	mg/L	0.44	
MSI	Index 1	Nitrate + Nitrite	SM-I1D6-S1H-1	27.26	SM-I1D6-S1H-2	29.51	mg/L	7.94	
MSI	Index 1	Nitrate + Nitrite	SM-I1-TR1H-1	0.03	SM-I1-TR1H-2	0.03	mg/L	5.41	
MSI	Index 1	Nitrate + Nitrite	SM-I1-TR9L-1	2.30	SM-I1-TR9L-2	3.04	mg/L	27.82	J
MSI	Index 1	Nitrite	SM-I1D3-S1H-1	0.02	SM-I1D3-S1H-2	0.02	mg/L	42.86	J
MSI	Index 1	Nitrite	SM-I1D4-S1H-1	0.01	SM-I1D4-S1H-2	0.02	mg/L	51.85	J
MSI	Index 1	Nitrite	SM-I1D5-S1H-1	0.13	SM-I1D5-S1H-2	0.23	mg/L	53.70	J
MSI	Index 1	Nitrite	SM-I1D6-S1H-1	0.62	SM-I1D6-S1H-2	0.39	mg/L	45.64	J
MSI	Index 1	Nitrite	SM-I1-TR1H-1	0.0028	SM-I1-TR1H-2	0.0014	mg/L	66.67	None
MSI	Index 1	Nitrite	SM-I1-TR9L-1	0.01	SM-I1-TR9L-2	0.01	mg/L	3.82	
MSI	Index 1	Orthophosphate	SM-I1D3-S1H-1	0.15	SM-I1D3-S1H-2	0.12	mg/L	21.18	
MSI	Index 1	Orthophosphate	SM-I1D4-S1H-1	0.09	SM-I1D4-S1H-2	0.07	mg/L	26.42	J
MSI	Index 1	Orthophosphate	SM-I1D5-S1H-1	0.12	SM-I1D5-S1H-2	0.20	mg/L	50.00	J
MSI	Index 1	Orthophosphate	SM-I1D6-S1H-1	0.27	SM-I1D6-S1H-2	0.20	mg/L	26.32	J
MSI	Index 1	Orthophosphate	SM-I1-TR1H-1	0.02	SM-I1-TR1H-2	0.02	mg/L	0.00	
MSI	Index 1	Orthophosphate	SM-I1-TR9L-1	0.09	SM-I1-TR9L-2	0.11	mg/L	13.37	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1D3-S1H-1	5.74	SM-I1D3-S1H-2	7.62	mg/L	NC	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1D4-S1H-1	5.21	SM-I1D4-S1H-2	6.08	mg/L	NC	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1D5-S1H-1	33.18	SM-I1D5-S1H-2	31.93	mg/L	NC	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1D6-S1H-1	85.96	SM-I1D6-S1H-2	80.75	mg/L	NC	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1-TR1H-1	0.42	SM-I1-TR1H-2	0.48	mg/L	NC	
UGA	Index 1	Total Dissolved Nitrogen	SM-I1-TR9L-1	6.59	SM-I1-TR9L-2	4.48	mg/L	NC	
UGA	Index 1	Total Dissolved Phosphorus	SM-I1D3-S1H-1	0.15	SM-I1D3-S1H-2	0.13	mg/L	13.70	
UGA	Index 1	Total Dissolved Phosphorus	SM-I1D4-S1H-1	0.12	SM-I1D4-S1H-2	0.14	mg/L	16.81	
UGA	Index 1	Total Dissolved Phosphorus	SM-I1D5-S1H-1	0.22	SM-I1D5-S1H-2	0.28	mg/L	24.56	
UGA	Index 1	Total Dissolved Phosphorus	SM-I1D6-S1H-1	0.36	SM-I1D6-S1H-2	0.37	mg/L	1.68	
UGA	Index 1	Total Dissolved Phosphorus	SM-I1-TR1H-1	0	SM-I1-TR1H-2	0.0028	mg/L	200.00	NA
UGA	Index 1	Total Dissolved Phosphorus	SM-I1-TR9L-1	0.11	SM-I1-TR9L-2	0.14	mg/L	25.04	None
UGA	Index 1	Total Nitrogen	SM-I1D2-S1H-1	3.57	SM-I1D2-S1H-2	3.93	mg/L	9.56	
UGA	Index 1	Total Nitrogen	SM-I1D3-S1H-1	4.05	SM-I1D3-S1H-2	5.17	mg/L	24.16	
UGA	Index 1	Total Nitrogen	SM-I1D4-S1H-1	6.54	SM-I1D4-S1H-2	6.40	mg/L	2.14	
UGA	Index 1	Total Nitrogen	SM-I1D5-S1H-1	49.12	SM-I1D5-S1H-2	31.79	mg/L	42.83	J
UGA	Index 1	Total Nitrogen	SM-I1-TR1H-1	0.45	SM-I1-TR1H-2	0.43	mg/L	4.56	
UGA	Index 1	Total Nitrogen	SM-I1-TR9L-1	2.30	SM-I1-TR9L-2	2.79	mg/L	19.26	
UGA	Index 1	Total Phosphorus	SM-I1D3-S1H-1	0.15	SM-I1D3-S1H-2	0.17	mg/L	12.08	
UGA	Index 1	Total Phosphorus	SM-I1D4-S1H-1	0.14	SM-I1D4-S1H-2	0.13	mg/L	11.04	
UGA	Index 1	Total Phosphorus	SM-I1D6-S1H-1	0.35	SM-I1D6-S1H-2	0.37	mg/L	-6.89	
UGA	Index 1	Total Phosphorus	SM-I1-TR1H-1	0	SM-I1-TR1H-2	0.01	mg/L	200.00	None
UGA	Index 1	Total Phosphorus	SM-I1-TR9L-1	0.11	SM-I1-TR9L-2	0.05	mg/L	81.52	J
CRG	Index 2	Biochemical Oxygen Demand	SM-I2D1-S1L-1	1.8	SM-I2D1-S1L-2	-0.58	mg/L	NC	None
CRG	Index 2	Biochemical Oxygen Demand	SM-I2D2-S1H-1	1.4	SM-I2D2-S1H-2	-0.58	mg/L	NC	None
CRG	Index 2	Biochemical Oxygen Demand	SM-I2D4-S1H-1	-0.58	SM-I2D4-S1H-2	-0.58	mg/L	NC	
CRG	Index 2	Carbonaceous Biochemical Oxygen Demand	SM-I2D3-S1H-1	-2	SM-I2D3-S1H-2	-2	mg/L	NC	
CRG	Index 2	Carbonaceous Biochemical Oxygen Demand	SM-I2D5-S1H-1	-2	SM-I2D5-S1H-2	-2	mg/L	NC	
CRG	Index 2	Chlorophyll a	SM-I2D1-S1L-1	18.8	SM-I2D1-S1L-2	15.2	mg/m3	21.18	
CRG	Index 2	Chlorophyll a	SM-I2D2-S1H-1	16.7	SM-I2D2-S1H-2	18.7	mg/m3	11.30	
CRG	Index 2	Chlorophyll a	SM-I2D3-S1H-1	16	SM-I2D3-S1H-2	16	mg/m3	0.00	
CRG	Index 2	Chlorophyll a	SM-I2D4-S1H-1	10.7	SM-I2D4-S1H-2	9.3	mg/m3	14.00	
CRG	Index 2	Chlorophyll a	SM-I2-TR3H-1	32.9	SM-I2-TR3H-2	24.9	mg/m3	27.68	J
CRG	Index 2	Total Suspended Solids	SM-I2D1-S1L-1	44.5	SM-I2D1-S1L-2	81.3	mg/L	58.51	J

Table 6-1
Santa Margarita River
Field Duplicate Results

Lab	Event	Analyte Name	Lab Sample ID	Result	Duplicate Lab Sample ID	Duplicate Result	Unit	RPD	Qualifier
CRG	Index 2	Total Suspended Solids	SM-I2D3-S1H-1	4	SM-I2D3-S1H-2	4.7	mg/L	16.09	
CRG	Index 2	Total Suspended Solids	SM-I2D4-S1H-1	6.7	SM-I2D4-S1H-2	5.70	mg/L	16.13	
CRG	Index 2	Total Suspended Solids	SM-I2D5-S1H-1	4.3	SM-I2D5-S1H-2	4.3	mg/L	0.00	
CRG	Index 2	Total Suspended Solids	SM-I2-TR3H-1	15	SM-I2-TR3H-2	25.4	mg/L	51.49	J
MSI	Index 2	Ammonia	SM-I2D1-S1L-1	0.56	SM-I2D1-S1L-2	0.57	mg/L	1.50	
MSI	Index 2	Ammonia	SM-I2D2-S1H-1	0.032	SM-I2D2-S1H-2	0.035	mg/L	8.33	
MSI	Index 2	Ammonia	SM-I2D3-S1H-1	0.034	SM-I2D3-S1H-2	0.035	mg/L	4.08	
MSI	Index 2	Ammonia	SM-I2D4-S1H-1	0.035	SM-I2D4-S1H-2	0.038	mg/L	7.69	
MSI	Index 2	Ammonia	SM-I2D5-S1H-1	0.039	SM-I2D5-S1H-2	0.032	mg/L	19.61	
MSI	Index 2	Ammonia	SM-I2-TR3L-1	0.050	SM-I2-TR3L-2	0.046	mg/L	8.70	
MSI	Index 2	Ammonia	SM-I2-TR7L-1	0.027	SM-I2-TR7L-2	0.027	mg/L	0.00	
MSI	Index 2	Nitrate + Nitrite	SM-I2D1-S1L-1	34	SM-I2D1-S1L-2	36	mg/L	5.71	
MSI	Index 2	Nitrate + Nitrite	SM-I2D2-S1H-1	0.57	SM-I2D2-S1H-2	0.53	mg/L	6.86	
MSI	Index 2	Nitrate + Nitrite	SM-I2D3-S1H-1	0.50	SM-I2D3-S1H-2	0.50	mg/L	0.56	
MSI	Index 2	Nitrate + Nitrite	SM-I2D4-S1H-1	0.28	SM-I2D4-S1H-2	0.27	mg/L	2.56	
MSI	Index 2	Nitrate + Nitrite	SM-I2D5-S1H-1	0.20	SM-I2D5-S1H-2	0.16	mg/L	23.08	
MSI	Index 2	Nitrate + Nitrite	SM-I2-TR3L-1	0.33	SM-I2-TR3L-2	0.24	mg/L	30.96	J
MSI	Index 2	Nitrate + Nitrite	SM-I2-TR7L-1	0.44	SM-I2-TR7L-2	0.45	mg/L	1.88	
MSI	Index 2	Nitrite	SM-I2D1-S1L-1	1.3	SM-I2D1-S1L-2	1.4	mg/L	2.37	
MSI	Index 2	Nitrite	SM-I2D2-S1H-1	0.008	SM-I2D2-S1H-2	0.008	mg/L	0.00	
MSI	Index 2	Nitrite	SM-I2D3-S1H-1	0.008	SM-I2D3-S1H-2	0.007	mg/L	18.18	
MSI	Index 2	Nitrite	SM-I2D4-S1H-1	0.007	SM-I2D4-S1H-2	0.006	mg/L	22.22	
MSI	Index 2	Nitrite	SM-I2D5-S1H-1	0.004	SM-I2D5-S1H-2	0.004	mg/L	0.00	
MSI	Index 2	Nitrite	SM-I2-TR3L-1	0.006	SM-I2-TR3L-2	0.004	mg/L	28.57	None
MSI	Index 2	Nitrite	SM-I2-TR7L-1	0.007	SM-I2-TR7L-2	0.007	mg/L	0.00	
MSI	Index 2	Orthophosphate	SM-I2D1-S1L-1	0.61	SM-I2D1-S1L-2	0.64	mg/L	5.94	
MSI	Index 2	Orthophosphate	SM-I2D2-S1H-1	0.10	SM-I2D2-S1H-2	0.074	mg/L	25.45	J
MSI	Index 2	Orthophosphate	SM-I2D3-S1H-1	0.087	SM-I2D3-S1H-2	0.093	mg/L	6.90	
MSI	Index 2	Orthophosphate	SM-I2D4-S1H-1	0.053	SM-I2D4-S1H-2	0.074	mg/L	34.15	J
MSI	Index 2	Orthophosphate	SM-I2D5-S1H-1	0.10	SM-I2D5-S1H-2	0.093	mg/L	6.45	
MSI	Index 2	Orthophosphate	SM-I2-TR3L-1	0.11	SM-I2-TR3L-2	0.10	mg/L	12.12	
MSI	Index 2	Orthophosphate	SM-I2-TR7L-1	0.10	SM-I2-TR7L-2	0.11	mg/L	8.70	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2D1-S1L-1	44.626	SM-I2D1-S1L-2	50.3468	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2D2-S1H-1	7.2513	SM-I2D2-S1H-2	3.8648	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2D3-S1H-1	7.8375	SM-I2D3-S1H-2	4.0219	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2D4-S1H-1	4.78	SM-I2D4-S1H-2	1.15	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2D5-S1H-1	2.6967	SM-I2D5-S1H-2	1.0875	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2-TR3H-1	0.6654	SM-I2-TR3H-2	0.8595	mg/L	NC	
UGA	Index 2	Total Dissolved Nitrogen	SM-I2-TR7L-1	1.0742	SM-I2-TR7L-2	0.8012	mg/L	NC	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2D1-S1L-1	0.7493	SM-I2D1-S1L-2	0.6884	mg/L	8.47	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2D2-S1H-1	0.1497	SM-I2D2-S1H-2	0.1152	mg/L	26.05	J
UGA	Index 2	Total Dissolved Phosphorus	SM-I2D3-S1H-1	0.1243	SM-I2D3-S1H-2	0.1245	mg/L	0.16	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2D4-S1H-1	0.1053	SM-I2D4-S1H-2	0.0913	mg/L	14.24	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2D5-S1H-1	0.098	SM-I2D5-S1H-2	0.1116	mg/L	12.98	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2-TR3H-1	0.1043	SM-I2-TR3H-2	0.0965	mg/L	7.77	
UGA	Index 2	Total Dissolved Phosphorus	SM-I2-TR7L-1	0.1235	SM-I2-TR7L-2	0.107	mg/L	14.32	
UGA	Index 2	Total Nitrogen	SM-I2D1-S1L-1	24.64	SM-I2D1-S1L-2	42.91	mg/L	54.10	J
UGA	Index 2	Total Nitrogen	SM-I2D2-S1H-1	0.89	SM-I2D2-S1H-2	0.96	mg/L	7.79	
UGA	Index 2	Total Nitrogen	SM-I2D3-S1H-1	1.00	SM-I2D3-S1H-2	0.89	mg/L	11.06	
UGA	Index 2	Total Nitrogen	SM-I2D4-S1H-1	0.77	SM-I2D4-S1H-2	0.63	mg/L	21.02	
UGA	Index 2	Total Nitrogen	SM-I2D5-S1H-1	0.69	SM-I2D5-S1H-2	0.53	mg/L	27.55	J
UGA	Index 2	Total Nitrogen	SM-I2-TR3H-1	0.79	SM-I2-TR3H-2	0.62	mg/L	25.11	J
UGA	Index 2	Total Nitrogen	SM-I2-TR7L-1	0.89	SM-I2-TR7L-2	0.85	mg/L	4.62	
UGA	Index 2	Total Phosphorus	SM-I2D1-S1L-1	0.78	SM-I2D1-S1L-2	0.75	mg/L	3.96	
UGA	Index 2	Total Phosphorus	SM-I2D2-S1H-1	0.09	SM-I2D2-S1H-2	0.12	mg/L	30.17	J
UGA	Index 2	Total Phosphorus	SM-I2D3-S1H-1	0.13	SM-I2D3-S1H-2	0.13	mg/L	4.38	
UGA	Index 2	Total Phosphorus	SM-I2D4-S1H-1	0.12	SM-I2D4-S1H-2	0.12	mg/L	1.85	
UGA	Index 2	Total Phosphorus	SM-I2D5-S1H-1	0.104	SM-I2D5-S1H-2	0.14	mg/L	28.24	J
UGA	Index 2	Total Phosphorus	SM-I2-TR3H-1	0.102	SM-I2-TR3H-2	0.11	mg/L	9.25	
UGA	Index 2	Total Phosphorus	SM-I2-TR7L-1	0.12	SM-I2-TR7L-2	0.13	mg/L	10.24	
CRG	Index3	Carbonaceous Biochemical Oxygen Demand	SM-I3-TR6H-1	-2.00	SM-I3-TR6H-2	-2.00	mg/L	NC	
CRG	Index3	Chlorophyll a	SM-I3-TR6H-1	8.40	SM-I3-TR6H-2	6.70	mg/m3	22.52	
CRG	Index3	Chlorophyll a	SM-I3-TR8L-1	13.80	SM-I3-TR8L-2	12.00	mg/m3	13.95	
CRG	Index3	Chlorophyll a	SM-I3-TR9H-1	9.30	SM-I3-TR9H-2	5.30	mg/m3	54.79	J
CRG	Index3	Total Suspended Solids	SM-I3D3-S1H-1	20.80	SM-I3D3-S1H-2	56.30	mg/L	92.09	J
CRG	Index3	Total Suspended Solids	SM-I3-TR6H-1	5.70	SM-I3-TR6H-2	2.50	mg/L	78.05	None
CRG	Index3	Total Suspended Solids	SM-I3-TR8L-1	3.50	SM-I3-TR8L-2	4.50	mg/L	25.00	None
CRG	Index3	Total Suspended Solids	SM-I3-TR9H-1	8.50	SM-I3-TR9H-2	6.50	mg/L	26.67	J
MSI	Index3	Ammonia	SM-I3-TR6H-1	0.04	SM-I3-TR6H-2	0.04	mg/L	13.33	
MSI	Index3	Ammonia	SM-I3-TR8L-1	0.65	SM-I3-TR8L-2	0.37	mg/L	54.40	J

Table 6-1
Santa Margarita River
Field Duplicate Results

Lab	Event	Analyte Name	Lab Sample ID	Result	Duplicate Lab Sample ID	Duplicate Result	Unit	RPD	Qualifier
MSI	Index3	Nitrate + Nitrite	SM-I3-TR8L-1	0.15	SM-I3-TR8L-2	0.14	mg/L	9.62	
MSI	Index3	Nitrate + Nitrite	SM-I3-TR9H-1	0.01	SM-I3-TR9H-2	0.01	mg/L	0.00	
MSI	Index3	Nitrite	SM-I3D3-S1H-1	0.04	SM-I3D3-S1H-2	0.04	mg/L	3.64	
MSI	Index3	Nitrite	SM-I3-TR8L-1	0.01	SM-I3-TR8L-2	0.01	mg/L	11.76	
MSI	Index3	Nitrite	SM-I3-TR9H-1	0.01	SM-I3-TR9H-2	0.01	mg/L	0.00	
MSI	Index3	Orthophosphate	SM-I3D3-S1H-1	0.09	SM-I3D3-S1H-2	0.13	mg/L	40.00	J
MSI	Index3	Orthophosphate	SM-I3-TR8L-1	0.07	SM-I3-TR8L-2	0.04	mg/L	66.67	J
MSI	Index3	Orthophosphate	SM-I3-TR9H-1	0.25	SM-I3-TR9H-2	0.18	mg/L	30.22	J
UGA	Index3	Total Dissolved Nitrogen	SM-I3D3-S1H-1	2.56	SM-I3D3-S1H-2	2.75	mg/L	NC	
UGA	Index3	Total Dissolved Nitrogen	SM-I3-TR8L-1	1.64	SM-I3-TR8L-2	0.92	mg/L	NC	
UGA	Index3	Total Dissolved Nitrogen	SM-I3-TR9H-1	0.60	SM-I3-TR9H-2	0.62	mg/L	NC	
UGA	Index3	Total Dissolved Phosphorus	SM-I3D3-S1H-1	0.15	SM-I3D3-S1H-2	0.15	mg/L	1.91	
UGA	Index3	Total Dissolved Phosphorus	SM-I3-TR8L-1	0.07	SM-I3-TR8L-2	0.05	mg/L	37.80	None
UGA	Index3	Total Dissolved Phosphorus	SM-I3-TR9H-1	0.23	SM-I3-TR9H-2	0.22	mg/L	6.90	
UGA	Index3	Total Nitrogen	SM-I3D3-S1H-1	1.51	SM-I3D3-S1H-2	1.69	mg/L	11.28	
UGA	Index3	Total Nitrogen	SM-I3-TR8L-1	0.56	SM-I3-TR8L-2	0.52	mg/L	7.84	
UGA	Index3	Total Nitrogen	SM-I3-TR9H-1	0.60	SM-I3-TR9H-2	0.58	mg/L	3.30	
UGA	Index3	Total Phosphorus	SM-I3D3-S1H-1	0.24	SM-I3D3-S1H-2	0.18	mg/L	26.33	J
UGA	Index3	Total Phosphorus	SM-I3-TR8L-1	0.09	SM-I3-TR8L-2	0.09	mg/L	4.74	
UGA	Index3	Total Phosphorus	SM-I3-TR9H-1	0.24	SM-I3-TR9H-2	0.20	mg/L	16.50	
CRG	Index4	Carbonaceous Biochemical Oxygen Demand	SM-I4D1-S1H-1	-2	SM-I4D1-S1H-2	-2	mg/L	NC	
CRG	Index4	Carbonaceous Biochemical Oxygen Demand	SM-I4D3-S1L-1	-1	SM-I4D3-S1L-2	-1	mg/L	NC	
CRG	Index4	Carbonaceous Biochemical Oxygen Demand	SM-I4D4-S1L-1	-2	SM-I4D4-S1L-2	-2	mg/L	NC	
CRG	Index4	Chlorophyll a	SM-I4D1-S1H-1	4	SM-I4D1-S1H-2	4	mg/m3	0.00	
CRG	Index4	Chlorophyll a	SM-I4D3-S1L-1	1.3	SM-I4D3-S1L-2	2.7	mg/m3	70.00	None
CRG	Index4	Chlorophyll a	SM-I4-TR8L-1	3.1	SM-I4-TR8L-2	3.6	mg/m3	14.93	
CRG	Index4	Chlorophyll a	SM-I4D4-S1L-1	-1	SM-I4D4-S1L-2	2.7	mg/m3	NC	
CRG	Index4	Total Suspended Solids	SM-I4D1-S1H-1	5	SM-I4D1-S1H-2	9	mg/L	57.14	None
CRG	Index4	Total Suspended Solids	SM-I4D3-S1L-1	3	SM-I4D3-S1L-2	4	mg/L	28.57	None
CRG	Index4	Total Suspended Solids	SM-I4-TR8L-1	2.7	SM-I4-TR8L-2	3.7	mg/L	31.25	None
CRG	Index4	Total Suspended Solids	SM-I4D4-S1L-1	3.5	SM-I4D4-S1L-2	2.3	mg/L	41.38	None
MSI	Index4	Ammonia	SM-I4D1-S1H-1	0.028014	SM-I4D1-S1H-2	0.0406203	mg/L	36.73	J
MSI	Index4	Ammonia	SM-I4D3-S1L-1	0.0616308	SM-I4D3-S1L-2	0.0350175	mg/L	55.07	J
MSI	Index4	Ammonia	SM-I4-TR8L-1	0.0084042	SM-I4-TR8L-2	0.0070035	mg/L	18.18	
MSI	Index4	Ammonia	SM-I4D4-S1L-1	0.0644322	SM-I4D4-S1L-2	0.5196597	mg/L	155.88	J
MSI	Index4	Nitrate + Nitrite	SM-I4D1-S1H-1	2.185092	SM-I4D1-S1H-2	2.185092	mg/L	0.00	
MSI	Index4	Nitrate + Nitrite	SM-I4D3-S1L-1	0.1848924	SM-I4D3-S1L-2	0.1764882	mg/L	4.65	
MSI	Index4	Nitrate + Nitrite	SM-I4-TR8L-1	0.0448224	SM-I4-TR8L-2	0.0434217	mg/L	3.17	
MSI	Index4	Nitrate + Nitrite	SM-I4D4-S1L-1	0.0336168	SM-I4D4-S1L-2	0.0504252	mg/L	40.00	None
MSI	Index4	Nitrite	SM-I4D1-S1H-1	0.0602301	SM-I4D1-S1H-2	0.0630315	mg/L	4.55	
MSI	Index4	Nitrite	SM-I4D3-S1L-1	0.0196098	SM-I4D3-S1L-2	0.0168084	mg/L	15.38	
MSI	Index4	Nitrite	SM-I4D4-S1L-1	0.0028014	SM-I4D4-S1L-2	0.0056028	mg/L	66.67	None
MSI	Index4	Orthophosphate	SM-I4D1-S1H-1	0.0805324	SM-I4D1-S1H-2	0.0960194	mg/L	17.54	
MSI	Index4	Orthophosphate	SM-I4D3-S1L-1	0.092922	SM-I4D3-S1L-2	0.0867272	mg/L	6.90	
MSI	Index4	Orthophosphate	SM-I4-TR8L-1	0.1424804	SM-I4-TR8L-2	0.1486752	mg/L	4.26	
MSI	Index4	Orthophosphate	SM-I4D4-S1L-1	0.0185844	SM-I4D4-S1L-2	0.030974	mg/L	50.00	J
UGA	Index4	Total Dissolved Nitrogen	SM-I4D1-S1H-1	6.8636	SM-I4D1-S1H-2	8.7262	mg/L	NC	
UGA	Index4	Total Dissolved Nitrogen	SM-I4D3-S1L-1	1.1325	SM-I4D3-S1L-2	1.1387	mg/L	NC	
UGA	Index4	Total Dissolved Nitrogen	SM-I4-TR8L-1	0.8407	SM-I4-TR8L-2	0.7478	mg/L	NC	
UGA	Index4	Total Dissolved Nitrogen	SM-I4D4-S1L-1	1.0787	SM-I4D4-S1L-2	1.7104	mg/L	NC	
UGA	Index4	Total Dissolved Phosphorus	SM-I4D1-S1H-1	0.1273	SM-I4D1-S1H-2	0.1504	mg/L	16.64	
UGA	Index4	Total Dissolved Phosphorus	SM-I4D3-S1L-1	0.1096	SM-I4D3-S1L-2	0.1253	mg/L	13.37	
UGA	Index4	Total Dissolved Phosphorus	SM-I4-TR6H-2	0.1642	SM-I4-TR6H-MSMSD	0.1519	mg/L	7.78	
UGA	Index4	Total Dissolved Phosphorus	SM-I4-TR8L-1	0.194	SM-I4-TR8L-2	0.1695	mg/L	13.48	
UGA	Index4	Total Dissolved Phosphorus	SM-I4D4-S1L-1	0.0578	SM-I4D4-S1L-2	0.0589	mg/L	1.89	
UGA	Index4	Total Nitrogen	SM-I4D1-S1H-1	7.4257	SM-I4D1-S1H-2	7.8591	mg/L	5.67	
UGA	Index4	Total Nitrogen	SM-I4D3-S1L-1	1.2508	SM-I4D3-S1L-2	1.3148	mg/L	4.99	
UGA	Index4	Total Nitrogen	SM-I4-TR8L-1	0.7899	SM-I4-TR8L-2	0.647	mg/L	19.89	
UGA	Index4	Total Nitrogen	SM-I4D4-S1L-1	0.4634	SM-I4D4-S1L-2	0.4897	mg/L	5.52	
UGA	Index4	Total Phosphorus	SM-I4D1-S1H-1	0.1216	SM-I4D1-S1H-2	0.137	mg/L	11.91	
UGA	Index4	Total Phosphorus	SM-I4D3-S1L-1	0.1392	SM-I4D3-S1L-2	0.1325	mg/L	4.93	
UGA	Index4	Total Phosphorus	SM-I4-TR8L-1	0.2048	SM-I4-TR8L-2	0.1837	mg/L	10.86	
UGA	Index4	Total Phosphorus	SM-I4D4-S1L-1	0.0657	SM-I4D4-S1L-2	0.0681	mg/L	3.59	
MSI	Stormwater 1	Ammonia	SM-W1-S11L-1	0.01	SM-W1-S11L-3	0.01	mg/L	0.00	
CRG	Stormwater 1	Carbonaceous Biochemical Oxygen Demand	SM-W1-S11L-1	3.2	SM-W1-S11L-3	2.3	mg/L	32.73	None
CRG	Stormwater 1	Chlorophyll a	SM-W1-S11L-1	42.7	SM-W1-S11L-3	26.7	mg/m3	46.11	J
MSI	Stormwater 1	Nitrate + Nitrite	SM-W1-S11L-1	1.807	SM-W1-S11L-3	1.835	mg/L	1.54	
MSI	Stormwater 1	Nitrite	SM-W1-S11L-1	0.025	SM-W1-S11L-3	0.032	mg/L	24.56	
MSI	Stormwater 1	Orthophosphate	SM-W1-S11L-1	0.162	SM-W1-S11L-3	0.174	mg/L	7.14	
UGA	Stormwater 1	Total Dissolved Nitrogen	SM-W1-S11L-1	4.5049	SM-W1-S11L-3	4.8794	mg/L	NC	

Table 6-1
Santa Margarita River
Field Duplicate Results

Lab	Event	Analyte Name	Lab Sample ID	Result	Duplicate Lab Sample ID	Duplicate Result	Unit	RPD	Qualifier
UGA	Stormwater 1	Total Nitrogen	SM-W1-S11L-1	2.4079	SM-W1-S11L-3	2.3862	mg/L	0.91	
UGA	Stormwater 1	Total Phosphorus	SM-W1-S11L-1	0.2177	SM-W1-S11L-3	0.2223	mg/L	2.09	
CRG	Stormwater 1	Total Suspended Solids	SM-W1-S11L-1	228	SM-W1-S11L-3	356	mg/L	43.84	J
CRG	Stormwater 2	Carbonaceous Biochemical Oxygen Demand	SM-W2-S1H-1	-2	SM-W2-S1H-2	-2	mg/L	NC	
CRG	Stormwater 2	Chlorophyll a	SM-W2-S1H-1	14.80	SM-W2-S1H-2	14.8	mg/m3	0.00	
MSI	Stormwater 2	Nitrate + Nitrite	SM-W2-S1H-1	2.65	SM-W2-S1H-2	-88	mg/L	NC	
MSI	Stormwater 2	Orthophosphate	SM-W2-S1H-1	0.15	SM-W2-S1H-2	-88	mg/L	NC	
UGA	Stormwater 2	Total Dissolved Nitrogen	SM-W2-S1H-1	13.46	SM-W2-S1H-2	BKN	mg/L	NA	
UGA	Stormwater 2	Total Dissolved Phosphorus	SM-W2-S1H-1	BKN	SM-W2-S1H-2	BKN	mg/L	NA	
UGA	Stormwater 2	Total Nitrogen	SM-W2-S1H-1	BKN	SM-W2-S1H-2	BKN	mg/L	NA	
UGA	Stormwater 2	Total Phosphorus	SM-W2-S1H-1	BKN	SM-W2-S1H-2	BKN		NA	
CRG	Stormwater 3	Carbonaceous Biochemical Oxygen Demand	SM-W3-S1L-1	-2	SM-W3-S1L-2	-2	mg/L	NC	
CRG	Stormwater 3	Carbonaceous Biochemical Oxygen Demand	SM-W3-S2L-1	2.4	SM-W3-S2L-2	-2	mg/L	NC	
CRG	Stormwater 3	Chlorophyll a	SM-W3-S1L-1	1.3	SM-W3-S1L-2	1.8	mg/m3	32.26	None
CRG	Stormwater 3	Chlorophyll a	SM-W3-S2L-1	4.5	SM-W3-S2L-2	4.3	mg/m3	4.55	
CRG	Stormwater 3	Total Suspended Solids	SM-W3-S1L-1	4.3	SM-W3-S1L-2	4	mg/L	7.23	
CRG	Stormwater 3	Total Suspended Solids	SM-W3-S2L-1	1.8	SM-W3-S2L-2	4.3	mg/L	81.97	None
MSI	Stormwater 3	Ammonia	SM-W3-S1L-1	0.017	SM-W3-S1L-2	0.055	mg/L	105.56	J
MSI	Stormwater 3	Ammonia	SM-W3-S2L-1	0.099	SM-W3-S2L-2	0.084	mg/L	16.39	
MSI	Stormwater 3	Nitrate + Nitrite	SM-W3-S1L-1	0.43	SM-W3-S1L-2	0.40	mg/L	7.23	
MSI	Stormwater 3	Nitrate + Nitrite	SM-W3-S2L-1	0.076	SM-W3-S2L-2	0.059	mg/L	25.19	None
MSI	Stormwater 3	Nitrite	SM-W3-S1L-1	0.008	SM-W3-S1L-2	0.007	mg/L	13.33	
MSI	Stormwater 3	Nitrite	SM-W3-S2L-1	0.004	SM-W3-S2L-2	0.003	mg/L	28.57	None
MSI	Stormwater 3	Orthophosphate	SM-W3-S1L-1	0.040	SM-W3-S1L-2	0.037	mg/L	7.79	
MSI	Stormwater 3	Orthophosphate	SM-W3-S2L-1	0.12	SM-W3-S2L-2	0.096	mg/L	22.22	
UGA	Stormwater 3	Total Dissolved Nitrogen	SM-W3-S1L-1	0.8294	SM-W3-S1L-2	1.5735	mg/L	NC	
UGA	Stormwater 3	Total Dissolved Nitrogen	SM-W3-S2L-1	1.0676	SM-W3-S2L-2	0.7942	mg/L	NC	
UGA	Stormwater 3	Total Dissolved Phosphorus	SM-W3-S1L-1	0.1320	SM-W3-S1L-2	0.1575	mg/L	17.62	
UGA	Stormwater 3	Total Dissolved Phosphorus	SM-W3-S2L-1	0.2134	SM-W3-S2L-2	0.1448	mg/L	38.30	J
UGA	Stormwater 3	Total Nitrogen	SM-W3-S1L-1	0.8112	SM-W3-S1L-2	0.9264	mg/L	13.26	
UGA	Stormwater 3	Total Nitrogen	SM-W3-S2L-1	1.4615	SM-W3-S2L-2	0.7090	mg/L	69.34	J
UGA	Stormwater 3	Total Phosphorus	SM-W3-S1L-1	0.1590	SM-W3-S1L-2	0.1820	mg/L	13.49	
UGA	Stormwater 3	Total Phosphorus	SM-W3-S2L-1	0.1698	SM-W3-S2L-2	0.2051	mg/L	18.83	
UGA	Sediment	Percent Total Phosphorus	SS02-F1	0.0339	SS02-F3	0.0266	%	24.13	
UGA	Sediment	Percent Total Phosphorus	SS15-F1	0.0171	SS15-F3	0.0147	%	15.09	
MSI	Sediment	Total Organic Carbon/Total Nitrogen Ratio	SS02-F1	7.65	SS02-F3	7.84	%	2.45	
MSI	Sediment	Total Organic Carbon/Total Nitrogen Ratio	SS15-F1	6.47	SS15-F3	6.71	%	3.64	
MSI	Sediment	Percent Sand	SS02-F1	82.8	SS02-F3	91.9	%	10.42	
MSI	Sediment	Percent Sand	SS15-F1	*	SS15-F3	96.50	%	NA	
UGA	Sediment	Percent Fines	SS02-F1	17.20	SS02-F3	8.10	%	71.94	J
UGA	Sediment	Percent Fines	SS15-F1	*	SS15-F3	3.50	%	NA	

BKN = bottle broken, insufficient volume for analysis
negative numbers signify non-detects
None = If sample results are less than 5X the reporting limit and the absolute difference between the samples is less than the reporting limit - no qualifiers are applied
NA = not applicable
NC = not calculable - sample result nondetect or rejected

Table 6-2
Percentage of Field Duplicates Within Control Limits

Lab	Event	Analyte Name	Number of Duplicate Pairs	Average RPD	Percent within +/- 25% (water) 20% (sediment) or absolute difference criteria
CRG	Index 1	Carbonaceous Biochemical Oxygen Demand	4	NC	NA
CRG	Index 1	Chlorophyll a	4	32.87	50
CRG	Index 1	Total Suspended Solids	4	54.13	75
MSI	Index 1	Ammonia	6	34.38	67
MSI	Index 1	Nitrate + Nitrite	6	20.05	50
MSI	Index 1	Nitrite	6	44.09	34
MSI	Index 1	Orthophosphate	6	22.88	50
UGA	Index 1	Total Dissolved Nitrogen	6	NC	NA
UGA	Index 1	Total Dissolved Phosphorus	6	46.96	100
UGA	Index 1	Total Nitrogen	6	17.08	84
UGA	Index 1	Total Phosphorus	5	59.55	80
CRG	Index 2	Biochemical Oxygen Demand	3	NC	NA
CRG	Index 2	Carbonaceous Biochemical Oxygen Demand	2	NC	NA
CRG	Index 2	Chlorophyll a	5	14.83	80
CRG	Index 2	Total Suspended Solids	6	25.04	67
MSI	Index 2	Ammonia	7	7.13	100
MSI	Index 2	Nitrate + Nitrite	7	10.23	86
MSI	Index 2	Nitrite	7	10.19	100
MSI	Index 2	Orthophosphate	7	14.24	72
UGA	Index 2	Total Dissolved Nitrogen	7	NC	NA
UGA	Index 2	Total Dissolved Phosphorus	7	12.00	86
UGA	Index 2	Total Nitrogen	7	21.61	58
UGA	Index 2	Total Phosphorus	7	12.00	72
CRG	Index 3	Carbonaceous Biochemical Oxygen Demand	1	NC	NA
CRG	Index 3	Chlorophyll a	3	30.42	67
CRG	Index 3	Total Suspended Solids	3	55.45	50
MSI	Index 3	Ammonia	3	23.69	67
MSI	Index 3	Nitrate + Nitrite	2	4.81	100
MSI	Index 3	Nitrite	3	5.13	100
MSI	Index 3	Orthophosphate	3	45.63	0
UGA	Index 3	Total Dissolved Nitrogen	3	NC	NA
UGA	Index 3	Total Dissolved Phosphorus	3	15.54	100
UGA	Index 3	Total Nitrogen	3	7.48	100
UGA	Index 3	Total Phosphorus	3	15.86	67
CRG	Index 4	Carbonaceous Biochemical Oxygen Demand	3	NC	NA
CRG	Index 4	Chlorophyll a	2	28.31	100
CRG	Index 4	Total Suspended Solids	1	39.59	100
MSI	Index 4	Ammonia	4	66.47	25
MSI	Index 4	Nitrate + Nitrite	3	11.96	100
MSI	Index 4	Nitrite	2	28.87	100
MSI	Index 4	Orthophosphate	4	19.67	75
UGA	Index 4	Total Dissolved Nitrogen	4	NC	NA
UGA	Index 4	Total Dissolved Phosphorus	5	10.63	100
UGA	Index 4	Total Nitrogen	4	9.02	100

Table 6-2
Percentage of Field Duplicates Within Control Limits

Lab	Event	Analyte Name	Number of Duplicate Pairs	Average RPD	Percent within +/- 25% (water) 20% (sediment) or absolute difference criteria
UGA	Index 4	Total Phosphorus	4	7.82	100
MSI	Stormwater 1	Ammonia	1	0.00	100
CRG	Stormwater 1	Carbonaceous Biochemical Oxygen Demand	1	32.73	100
CRG	Stormwater 1	Chlorophyll a	1	46.11	0
MSI	Stormwater 1	Nitrate + Nitrite	1	1.54	100
MSI	Stormwater 1	Nitrite	1	24.56	100
MSI	Stormwater 1	Orthophosphate	1	7.14	100
UGA	Stormwater 1	Total Dissolved Nitrogen	1	NC	NA
UGA	Stormwater 1	Total Dissolved Phosphorus	1	4.49	100
UGA	Stormwater 1	Total Nitrogen	1	0.91	100
UGA	Stormwater 1	Total Phosphorus	1	2.09	100
CRG	Stormwater 1	Total Suspended Solids	1	43.84	0
CRG	Stormwater 2	Carbonaceous Biochemical Oxygen Demand	1	NC	NA
CRG	Stormwater 2	Chlorophyll a	1	0.00	100
MSI	Stormwater 2	Nitrate + Nitrite	1	NC	NA
MSI	Stormwater 2	Orthophosphate	1	NC	NA
UGA	Stormwater 2	Total Dissolved Nitrogen	1	NC	NA
UGA	Stormwater 2	Total Dissolved Phosphorus	1	NC	NA
UGA	Stormwater 2	Total Nitrogen	1	NC	NA
UGA	Stormwater 2	Total Phosphorus	1	NC	NA
CRG	Stormwater 3	Carbonaceous Biochemical Oxygen Demand	2	NC	NA
CRG	Stormwater 3	Chlorophyll a	1	18.40	100
CRG	Stormwater 3	Total Suspended Solids	1	44.60	100
MSI	Stormwater 3	Ammonia	2	60.97	50
MSI	Stormwater 3	Nitrate + Nitrite	2	16.21	100
MSI	Stormwater 3	Nitrite	2	20.95	100
MSI	Stormwater 3	Orthophosphate	2	15.01	100
UGA	Stormwater 3	Total Dissolved Nitrogen	2	NC	NA
UGA	Stormwater 3	Total Dissolved Phosphorus	2	27.96	50
UGA	Stormwater 3	Total Nitrogen	2	41.30	50
UGA	Stormwater 3	Total Phosphorus	2	16.16	100
UGA	Sediment	Percent Total Phosphorus	2	19.61	100
MSI	Sediment	Total Organic Carbon/Total Nitrogen Ratio	2	3.05	100
UGA	Sediment	Percent Sand	2	10.42	100
UGA	Sediment	Percent Fines	2	71.94	50

NA = not applicable
NC = not calculable

Table 6-3
Santa Margarita River
Field Blank Results

Lab	Event	SampleID	AnalyteName	Unit	Result	ResultQualCode	MDL	RL
CRG	Index3	SM_I3D4-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index3	SM_I3D5-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index3	SM_I3D6-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index3	SM_I3D4-FB-1	Chlorophyll a	mg/m3	3.2		1	2
CRG	Index3	SM_I3D5-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index3	SM_I3D6-FB-1	Chlorophyll a	mg/m3	1.3	DNQ	1	2
CRG	Index3	SM_I3D4-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index3	SM_I3D5-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index3	SM_I3D6-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
MSI	Index3	SM_I3D4-FB-1	Ammonia	mg/L	0.1736868		0.001	0.004
MSI	Index3	SM_I3D5-FB-1	Ammonia	mg/L	0.0308154		0.001	0.004
MSI	Index3	SM_I3D6-FB-1	Ammonia	mg/L	0.0196098		0.001	0.004
MSI	Index3	SM_I3D4-FB-1	Nitrate + Nitrite	mg/L	0.0112056	DNQ	0.007	0.02
MSI	Index3	SM_I3D5-FB-1	Nitrate + Nitrite	mg/L	0.0070035	DNQ	0.007	0.02
MSI	Index3	SM_I3D6-FB-1	Nitrate + Nitrite	mg/L	-0.02	ND	0.007	0.02
MSI	Index3	SM_I3D4-FB-1	Nitrite	mg/L	0.0042021		0.001	0.004
MSI	Index3	SM_I3D5-FB-1	Nitrite	mg/L	0.0028014	DNQ	0.001	0.004
MSI	Index3	SM_I3D6-FB-1	Nitrite	mg/L	0.0028014	DNQ	0.001	0.004
MSI	Index3	SM_I3D4-FB-1	Orthophosphate	mg/L	0.0216818		0.003	0.009
MSI	Index3	SM_I3D5-FB-1	Orthophosphate	mg/L	0.0030974	DNQ	0.003	0.009
MSI	Index3	SM_I3D6-FB-1	Orthophosphate	mg/L	0.0030974	DNQ	0.003	0.009
UGA	Index3	SM_I3D5-FB-1	Total Dissolved Nitrogen	mg/L	1.5627		0.0028	0.1
UGA	Index3	SM_I3D6-FB-1	Total Dissolved Nitrogen	mg/L	1.887		0.0028	0.1
UGA	Index3	SM_I3D4-FB-1	Total Dissolved Nitrogen	mg/L	0.7492		0.0028	0.1
UGA	Index3	SM_I3D4-FB-1	Total Dissolved Phosphorus	mg/L	0.0021		0.0021	0.05
UGA	Index3	SM_I3D5-FB-1	Total Dissolved Phosphorus	mg/L	0.0364		0.0021	0.05
UGA	Index3	SM_I3D6-FB-1	Total Dissolved Phosphorus	mg/L	0.0165		0.0021	0.05
UGA	Index3	SM_I3D4-FB-1	Total Nitrogen	mg/L	0.0948		0.0028	0.1
UGA	Index3	SM_I3D5-FB-1	Total Nitrogen	mg/L	0.0747		0.0028	0.1
UGA	Index3	SM_I3D6-FB-1	Total Nitrogen	mg/L	0.1079		0.0028	0.1
UGA	Index3	SM_I3D4-FB-1	Total Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index3	SM_I3D5-FB-1	Total Phosphorus	mg/L	0.011		0.0021	0.05
UGA	Index3	SM_I3D6-FB-1	Total Phosphorus	mg/L	-0.05	ND	0.0021	0.05
CRG	Index4	SM-I4D1-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index4	SM-I4D2-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index4	SM-I4D3-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-1	ND	0.58	1

Table 6-3
Santa Margarita River
Field Blank Results

Lab	Event	SampleID	AnalyteName	Unit	Result	ResultQualCode	MDL	RL
CRG	Index4	SM-I4D4-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index4	SM-I4D5-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index4	SM-I4D6-FB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	-2	ND	2	2
CRG	Index4	SM-I4D6-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D1-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D2-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D3-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D4-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D5-FB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Index4	SM-I4D1-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index4	SM-I4D2-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index4	SM-I4D3-FB-1	Total Suspended Solids	mg/L	0.5		0.5	5
CRG	Index4	SM-I4D4-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index4	SM-I4D5-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
CRG	Index4	SM-I4D6-FB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
MSI	Index4	SM-14D1-FB-1	Ammonia	mg/L	0.1050525		0.001	0.004
MSI	Index4	SM-14D2-FB-1	Ammonia	mg/L	-88		0.001	0.004
MSI	Index4	SM-14D3-FB-1	Ammonia	mg/L	0.0042021		0.001	0.004
MSI	Index4	SM-14D4-FB-1	Ammonia	mg/L	-88		0.001	0.004
MSI	Index4	SM-I4D5-FB-1	Ammonia	mg/L	-88		0.001	0.004
MSI	Index4	SM-14D6-FB-1	Ammonia	mg/L	0.1834917		0.001	0.004
MSI	Index4	SM-14D1-FB-1	Nitrate + Nitrite	mg/L	-0.02	ND	0.007	0.02
MSI	Index4	SM-14D2-FB-1	Nitrate + Nitrite	mg/L	-88		0.007	0.02
MSI	Index4	SM-14D3-FB-1	Nitrate + Nitrite	mg/L	-0.02	ND	0.007	0.02
MSI	Index4	SM-14D4-FB-1	Nitrate + Nitrite	mg/L	-88		0.007	0.02
MSI	Index4	SM-I4D5-FB-1	Nitrate + Nitrite	mg/L	-88		0.007	0.02
MSI	Index4	SM-14D6-FB-1	Nitrate + Nitrite	mg/L	-0.02	ND	0.007	0.02
MSI	Index4	SM-14D1-FB-1	Nitrite	mg/L	-0.004	ND	0.001	0.004
MSI	Index4	SM-14D2-FB-1	Nitrite	mg/L	-88		0.001	0.004
MSI	Index4	SM-14D3-FB-1	Nitrite	mg/L	-0.004	ND	0.001	0.004
MSI	Index4	SM-14D4-FB-1	Nitrite	mg/L	-88		0.001	0.004
MSI	Index4	SM-I4D5-FB-1	Nitrite	mg/L	-88		0.001	0.004
MSI	Index4	SM-14D6-FB-1	Nitrite	mg/L	-0.004	ND	0.001	0.004
MSI	Index4	SM-14D1-FB-1	Orthophosphate	mg/L	-0.009	ND	0.003	0.009
MSI	Index4	SM-14D2-FB-1	Orthophosphate	mg/L	-88		0.003	0.009
MSI	Index4	SM-14D4-FB-1	Orthophosphate	mg/L	-88		0.003	0.009

Table 6-3
Santa Margarita River
Field Blank Results

Lab	Event	SampleID	AnalyteName	Unit	Result	ResultQualCode	MDL	RL
MSI	Index4	SM-14D3-FB-1	Orthophosphate	mg/L	0.0030974	DNQ	0.003	0.009
MSI	Index4	SM-I4D5-FB-1	Orthophosphate	mg/L	-88		0.003	0.009
MSI	Index4	SM-14D6-FB-1	Orthophosphate	mg/L	0.2601816		0.003	0.009
UGA	Index4	SM-14D4-FB-1	Total Dissolved Nitrogen	mg/L	1.2355		0.0028	0.1
UGA	Index4	SM-14D5-FB-1	Total Dissolved Nitrogen	mg/L	0.6651		0.0028	0.1
UGA	Index4	SM-14D1-FB-1	Total Dissolved Nitrogen	mg/L	5.7532		0.0028	0.1
UGA	Index4	SM-14D2-FB-1	Total Dissolved Nitrogen	mg/L	0.3765		0.0028	0.1
UGA	Index4	SM-14D3-FB-1	Total Dissolved Nitrogen	mg/L	0.0427		0.0028	0.1
UGA	Index4	SM-14D6-FB-1	Total Dissolved Nitrogen	mg/L	0.1098		0.0028	0.1
UGA	Index4	SM-14D4-FB-1	Total Dissolved Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index4	SM-14D1-FB-1	Total Dissolved Phosphorus	mg/L	0.0123		0.0021	0.05
UGA	Index4	SM-14D2-FB-1	Total Dissolved Phosphorus	mg/L	0.0178		0.0021	0.05
UGA	Index4	SM-14D3-FB-1	Total Dissolved Phosphorus	mg/L	0.0153		0.0021	0.05
UGA	Index4	SM-14D5-FB-1	Total Dissolved Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index4	SM-14D6-FB-1	Total Dissolved Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index4	SM-14D4-FB-1	Total Nitrogen	mg/L	-0.1	ND	0.0028	0.1
UGA	Index4	SM-14D5-FB-1	Total Nitrogen	mg/L	0.062		0.0028	0.1
UGA	Index4	SM-14D1-FB-1	Total Nitrogen	mg/L	0.03		0.0028	0.1
UGA	Index4	SM-14D2-FB-1	Total Nitrogen	mg/L	0.0271		0.0028	0.1
UGA	Index4	SM-14D3-FB-1	Total Nitrogen	mg/L	0.0427		0.0028	0.1
UGA	Index4	SM-14D6-FB-1	Total Nitrogen	mg/L	0.1599		0.0028	0.1
UGA	Index4	SM-14D4-FB-1	Total Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index4	SM-14D1-FB-1	Total Phosphorus	mg/L	0.0165		0.0021	0.05
UGA	Index4	SM-14D2-FB-1	Total Phosphorus	mg/L	0.0179		0.0021	0.05
UGA	Index4	SM-14D3-FB-1	Total Phosphorus	mg/L	0.0174		0.0021	0.05
UGA	Index4	SM-14D5-FB-1	Total Phosphorus	mg/L	-0.05	ND	0.0021	0.05
UGA	Index4	SM-14D6-FB-1	Total Phosphorus	mg/L	-0.05	ND	0.0021	0.05
CRG	Stormwater 3	SM-W3-SB-1	Carbonaceous Biochemical Oxygen Demand	mg/L	10		2	2
CRG	Stormwater 3	SM-W3-SB-1	Chlorophyll a	mg/m3	-1	ND	1	2
CRG	Stormwater 3	SM-W3-SB-1	Total Suspended Solids	mg/L	-0.5	ND	0.5	5
MSI	Stormwater 3	SM-W3-SB-1	Ammonia	mg/L	0.003	DNQ	0.001	0.004
MSI	Stormwater 3	SM-W3-SB-1	Nitrate + Nitrite	mg/L	0.010	DNQ	0.007	0.02
MSI	Stormwater 3	SM-W3-SB-1	Nitrite	mg/L	0.003	DNQ	0.001	0.004
MSI	Stormwater 3	SM-W3-SB-1	Orthophosphate	mg/L	-0.003	ND	0.003	0.009
UGA	Stormwater 3	SM-W3-SB-1	Total Dissolved Nitrogen	mg/L	0.3933		0.0028	0.1
UGA	Stormwater 3	SM-W3-SB-1	Total Dissolved Phosphorus	mg/L	0.0419		0.0022	0.05

Table 6-3
Santa Margarita River
Field Blank Results

Lab	Event	SampleID	AnalyteName	Unit	Result	ResultQualCode	MDL	RL
UGA	Stormwater 3	SM-W3-SB-1	Total Nitrogen	mg/L	0.8866		0.0028	0.1
UGA	Stormwater 3	SM-W3-SB-1	Total Phosphorus	mg/L	0.0580		0.0022	0.05

ND = nondetect
DNQ = detected not quantifiable
"-" = indicates a nondetect result

Table 6-4
Santa Margarita River
Summary of Field Blank Detects

Lab	Event	Analyte	Number of Blank Samples	Number of Detections	Range of Detects	Number of Nondetects	Number of Results < Reporting Limit but >MDL
CRG	Index3	Carbonaceous Biochemical Oxygen Demand	3	0	NA	3	0
CRG	Index3	Chlorophyll a	3	2	1.3 - 3.2 mg/m3	1	1
CRG	Index3	Total Suspended Solids	3	0	NA	3	0
MSI	Index3	Ammonia	3	3	0.0196098 - 0.1736868 mg/L	0	0
MSI	Index3	Nitrate + Nitrite	3	2	0.0070035 - 0.0112056 mg/L	1	2
MSI	Index3	Nitrite	3	3	0.0028014 - 0.0042021 mg/L	0	2
MSI	Index3	Orthophosphate	3	3	0.0030974 - 0.0216818 mg/L	0	2
UGA	Index3	Total Dissolved Nitrogen	3	3	0.7492 - 1.887 mg/L	0	0
UGA	Index3	Total Dissolved Phosphorus	3	3	0.0021 - 0.0364 mg/L	0	0
UGA	Index3	Total Nitrogen	3	3	0.0747 - 0.1079 mg/L	0	0
UGA	Index3	Total Phosphorus	3	1	0.011 mg/L	2	0
CRG	Index4	Carbonaceous Biochemical Oxygen Demand	6	0	NA	6	0
CRG	Index4	Chlorophyll a	6	0	NA	6	0
CRG	Index4	Total Suspended Solids	6	1	0.5 mg/L	5	0
MSI	Index4	Ammonia	3	3	0.0042021 - 0.1834917 mg/L	3	0
MSI	Index4	Nitrate + Nitrite	3	0	NA	3	0
MSI	Index4	Nitrite	3	0	NA	3	0
MSI	Index4	Orthophosphate	3	2	0.0030974 - 0.2601816 mg/L	1	1
UGA	Index4	Total Dissolved Nitrogen	6	6	0.0427 - 5.7532 mg/L	0	0
UGA	Index4	Total Dissolved Phosphorus	6	3	0.0123 - 0.0178 mg/L	3	0
UGA	Index4	Total Nitrogen	6	5	0.0271 - 0.1599 mg/L	1	0
UGA	Index4	Total Phosphorus	6	3	0.0165 - 0.0179 mg/L	3	0
CRG	Stormwater 3	Carbonaceous Biochemical Oxygen Demand	1	1	10 mg/L	0	0
CRG	Stormwater 3	Chlorophyll a	1	0	NA	1	0
CRG	Stormwater 3	Total Suspended Solids	1	0	NA	1	0
MSI	Stormwater 3	Ammonia	1	1	0.003	0	1
MSI	Stormwater 3	Nitrate + Nitrite	1	1	0.01 mg/L	0	1
MSI	Stormwater 3	Nitrite	1	1	0.003 mg/L	0	1
MSI	Stormwater 3	Orthophosphate	1	0	NA	1	0
UGA	Stormwater 3	Total Dissolved Nitrogen	1	1	0.3933 mg/L	0	0
UGA	Stormwater 3	Total Dissolved Phosphorus	1	1	0.0419 mg/L	0	0
UGA	Stormwater 3	Total Nitrogen	1	1	0.8866 mg/L	0	0
UGA	Stormwater 3	Total Phosphorus	1	1	0.0580 mg/L	0	0

NA - All results nondetect
MDL - Method detection limit
mg/m3 - micrograms per meter cubed
mg/L - micrograms per liter

Table 7-1
Santa Margarita River
Comparison of Reporting Limits to Screening Criteria for Non-Detects in Water Samples

Index 1

Analyte	Method	Units	Number of Samples Collected[1]		Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	70	68	0	NA	0.004	0	0.05	NA
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	28	28	26	2	2	0	2	0
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	23	23	22	1	1	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	75	75	3	1	2	0	2	0
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	70	68	0	NA	0.02	0	0.05	NA
Nitrite	SM 4500-NO2-B	mg/L	70	68	0	NA	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	70	68	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	75	75	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	72	72	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	72	72	3	0.02	0.05	0	0.05	0
Total Phosphorus	SM 4500P-J	mg/L	71	71	1	0.02	0.05	0	0.05	0
Total Suspended Solids	SM 2540 D	mg/L	81	81	2	0.5	5	0	0.5	0

Index 2

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	72	72	1	0.001	0.004	0	0.05	0
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	31	31	24	2	2	0	2	0
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	26	26	10	0.58	1	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	76	76	0	NA	2	0	2	NA
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	72	72	0	NA	0.02	0	0.05	NA
Nitrite	SM 4500-NO2-B	mg/L	72	72	8	0.001	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	72	72	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	71	71	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	72	72	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	71	71	0	NA	0.05	0	0.05	NA
Total Phosphorus	SM 4500P-J	mg/L	71	71	0	NA	0.05	0	0.05	NA
Total Suspended Solids	SM 2540 D	mg/L	77	77	0	NA	5	0	0.5	NA

Table 7-1
Santa Margarita River
Comparison of Reporting Limits to Screening Criteria for Non-Detects in Water Samples

Index 3

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	67	67	1	0.001	0.004	0	0.05	0
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	---	---	---	---	---	---	---	---
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	50	50	45	2	2	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	78	78	1	1	2	0	2	0
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	67	67	10	0.007	0.02	0	0.05	0
Nitrite	SM 4500-NO2-B	mg/L	67	67	11	0.001	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	67	67	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	67	67	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	67	67	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	67	67	1	0.002	0.05	0	0.05	0
Total Phosphorus	SM 4500P-J	mg/L	67	67	1	0.002	0.05	0	0.05	0
Total Suspended Solids	SM 2540 D	mg/L	79	79	1	0.5	5	0	0.5	0

Index 4

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	63	63	1	0.001	0.004	0	0.05	0
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	---	---	---	---	---	---	---	---
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	45	45	30	0.058 to 2	1 to 2	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	70	70	10	1	2	0	2	0
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	63	63	38	0.007	0.02	0	0.05	0
Nitrite	SM 4500-NO2-B	mg/L	63	63	44	0.001	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	63	63	2	0.003	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	63	63	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	63	63	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	63	63	6	0.002	0.05	0	0.05	0
Total Phosphorus	SM 4500P-J	mg/L	63	63	1	0.002	0.05	0	0.05	0
Total Suspended Solids	SM 2540 D	mg/L	71	71	0	NA	5	0	0.5	NA

Table 7-1
Santa Margarita River
Comparison of Reporting Limits to Screening Criteria for Non-Detects in Water Samples

Stormwater 1

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	13	13	0	NA	0.004	0	0.05	NA
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	---	---	---	---	---	---	---	---
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	13	13	6	1	1	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	14	14	0	NA	2	0	2	NA
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	13	13	0	NA	0.02	0	0.05	NA
Nitrite	SM 4500-NO2-B	mg/L	13	13	0	NA	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	13	13	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	13	13	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	13	13	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	13	13	0	NA	0.05	0	0.05	NA
Total Phosphorus	SM 4500P-J	mg/L	13	13	0	NA	0.05	0	0.05	NA
Total Suspended Solids	SM 2540 D	mg/L	13	13	0	NA	5	0	0.5	NA

Stormwater 2

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	17	9	0	NA	0.004	0	0.05	NA
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	17	17	17	2	2	0	2	0
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	---	---	---	---	---	---	---	---
Chlorophyll a	SM 10200 H	mg/m^3	18	18	1	1	2	0	2	0
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	17	9	0	NA	0.02	0	0.05	NA
Nitrite	SM 4500-NO2-B	mg/L	17	9	0	NA	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	17	9	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	17	12	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	17	14	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	17	12	0	NA	0.05	0	0.05	NA
Total Phosphorus	SM 4500P-J	mg/L	18	15	0	NA	0.05	0	0.05	NA
Total Suspended Solids	SM 2540 D	mg/L	18	18	0	NA	5	0	0.5	NA

Table 7-1
Santa Margarita River
Comparison of Reporting Limits to Screening Criteria for Non-Detects in Water Samples

Stormwater 3

Analyte	Method	Units	Number of Samples Collected[1]	Number of Samples Analyzed[1]	Number of Non-Detects	Method Detection Limit (MDL) for Non-Detects	Reporting Limt (RL)	Number of MDLs > RLs	Project Quantitation Limt	Number of MDLs > Project Quantitation Limit
Ammonia	SM 4500-NH3 G	mg/L	18	18	0	NA	0.004	0	0.05	NA
Carbonaceous Biochemical Oxygen Demand	EPA 405.1	mg/L	---	---	---	---	---	---	---	---
Carbonaceous Biochemical Oxygen Demand	SM 5210 B	mg/L	18	18	17	2	2	0	2	0
Chlorophyll a	SM 10200 H	mg/m^3	20	20	3	1	2	0	2	0
Nitrate + Nitrite	SM 4500-NO3 F	mg/L	18	18	0	NA	0.02	0	0.05	NA
Nitrite	SM 4500-NO2-B	mg/L	18	18	5	0.001	0.004	0	NA	NA
Orthophosphate	SM 4500-P C	mg/L	18	18	0	NA	0.009	0	NA	NA
Total Dissolved Nitrogen	SM 4500P-J	mg/L	18	18	0	NA	0.1	0	0.1	NA
Total Nitrogen	SM 4500P-J	mg/L	18	18	0	NA	0.1	0	0.1	NA
Total Dissolved Phosphorus	SM 4500P-J	mg/L	18	18	0	NA	0.05	0	0.05	NA
Total Phosphorus	SM 4500P-J	mg/L	18	18	0	NA	0.05	0	0.05	NA
Total Suspended Solids	SM 2540 D	mg/L	19	19	2	0.5	5	0	0.5	0

Key:
NA = Not Applicable
--- = No samples analyzed for the given method
Notes:
1. Difference between samples collected and samples analyzed represent quantity of samples not analyzed (i.e. broken bottles)
RL - reporting limit
MDL - method reporting limit
mg/L - milligram per liter
mg/m^3 - milligram per meter cubed

Table 7-2
Santa Magarita River
Completeness Summary

			Wet Weather Sources and Within Lagoon Sampling								Dry Weather Sources and Within Lagoon Sampling												
Analyte	Analytical Method (1)	Target Reporting Limit	Planned Pollutagraph Sampling	Actual Pollutagraph Sampling	Planned Lagoon Storm Sampling	Actual Lagoon Storm Sampling	Planned Ocean Inlet Sampling	Actual Ocean Inlet Sampling	Planned Post-Storm Sediment Sampling	Actual Post-Storm Sediment Sampling	Planned SD Sampling	Actual SD Sampling	Planned Index Lagoon Segment Sampling	Actual Index Lagoon Segment Sampling	Planned Index Ocean Inlet Sampling	Actual Index Ocean Inlet Sampling	Planned Index ME Site Sampling	Actual Index ME Site Sampling	Planned Index Transect Sampling	Actual Index Transect Sampling	Total Planned	Actual Total	Percent Complete
Total Suspended Solids	SM 2540-D	0.5 mg/L	30	30	12	16	6	4	--	--	4	2	96	141	48	54	24	20	96	117	316	384	122
Total Nitrogen	USGS I-4650-03	0.1 mg/L	30	26	12	15	6	4	--	--	4	2	96	132	48	51	24	17	96	108	316	355	112
Total Phosphorus	USGS I-4650-03	0.05 mg/L	30	26	12	16	6	4	--	--	4	2	96	130	48	51	24	17	96	106	316	352	111
Total Dissolved Nitrogen	USGS I-2650-03	0.1 mg/L	30	0	12	0	6	0	--	--	4	0	96	0	48	0	24	0	96	0	316	0	0
Total Dissolved Phosphorus	USGS I-2650-03	0.05 mg/L	30	24	12	15	6	4	--	--	4	2	96	129	48	51	24	17	96	107	316	349	110
Orthophosphate	SM 4500-P C	0.009 mg/L	30	23	12	13	6	4	--	--	4	2	96	129	48	51	24	17	96	108	316	347	110
Nitrite	SM 4500-NO2-B	0.004 mg/L	30	23	12	13	6	4	--	--	4	2	96	126	48	51	24	17	96	107	316	343	109
Nitrate + Nitrite-N	SM 4500-NO3+NO2 F	0.05 mg/L	30	23	12	13	6	4	--	--	4	2	96	126	48	51	24	17	96	108	316	344	109
Ammonium-N	SM 4500-NH3 G SM 4500-NH3 F	0.05 mg/L 0.05 mg/L	30	23	12	13	6	4	--	--	4	2	96	126	48	51	24	17	96	109	316	345	109
Chlorophyll a	EPA 445.0	2 µg/L	30	29	12	19	6	3	--	--	4	2	96	151	48	50	24	16	96	108	316	378	120
Carbonaceous Biological Oxygen Demand (CBOD)	EPA 405.1 SM 5210B	2 mg/L	30	28	12	16	6	4	--	--	4	2	96	132	48	51	24	16	24	27	244	276	113
% Fines	ASTM D-422 (1963)(2) EPA (1995)(3) Plumb (1981) (4)	1%	--	--	--	--	--	--	15	15	--	--	--	--	--	--	--	--	--	--	15	13	87
% Sand/Silt/Clay	ASTM D-422 (1963)(2) EPA (1995)(3) Plumb (1981) (4)	1%	--	--	--	--	--	--	15	15	--	--	--	--	--	--	--	--	--	--	15	15	100
% Organic Carbon	EPA 9060	0.01%	--	--	--	--	--	--	15	15	--	--	--	--	--	--	--	--	--	--	15	15	100
% Total Nitrogen	EPA 9060	0.01%	--	--	--	--	--	--	15	15	--	--	--	--	--	--	--	--	--	--	15	15	100
% Total Phosphorus	Nelson (1987)(5)	0.01%	--	--	--	--	--	--	15	15	--	--	--	--	--	--	--	--	--	--	15	15	100

Table 8-1
Santa Margarita River
Sample Qualification Summary

Total Normal Samples, excluding field duplicates	3389
No Result due to breakage:	54
Samples Qualified	1406
Total J (Estimated)	1080
field duplicate exceeded 25% RPD (stormwater) or 20%(sediment)	49
Holding Time Exceeded	933
Lab Dup exceeds 30%	72
MS/MSD Exceeds 120%	71
Total UJ (Estimated nondetect)	31
Holding Time Exceeded	30
Lab Dup exceeds 30%	1
MS/MSD Exceeds 120%	7
Total R (Rejected)	298
Holding time exceeds 28 days. Result rejected as total nitrogen result is less.	183
Holding time exceeds 28 days. Result rejected due to unquantifiable nitrogen signature due to filtering methodology.	53
Result rejected as total nitrogen result is less.	30
Result rejected due to unquantifiable nitrogen signature due to filtering methodology.	23
Holding time exceeds 28 days. Result rejected as total nitrogen result is less.	7
Result rejected as total nitrogen result is less.	1

Table 8-2
Santa Margarita River
Summary of Stormwater 1 Qualifiers By Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	13	0	0%	--	--
Carbonaceous Biochemical Oxygen Demand	13	0	0%	--	--
Chlorophyll a	14	14	100%	J	14- lab dup 46% exceeded 30% RPD criterion.
Nitrate + Nitrite	13	0	0%	--	--
Nitrite	13	0	0%	--	--
Orthophosphate	13	0	0%	--	--
Total Dissolved Nitrogen	13	13	100%	R	13-Holding time exceeds 28 days. Result rejected as total nitrogen result is less
Total Dissolved Phosphorus	13	13	100%	J	13-Holding time exceeds 28 days.
Total Nitrogen	13	13	100%	J	13-Holding time exceeds 28 days.
Total Phosphorus	13	13	100%	J	13-Holding time exceeds 28 days.
Total Suspended Solids	13	2	15%	J	2-RPD exceeds 30% criteria for duplicate field sample

Table 8-3
Santa Margarita River
Summary of Stormwater 2 Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	9	0	0%	--	--
Carbonaceous Biochemical Oxygen Demand	17	0	0%	--	--
Chlorophyll a	18	0	0%	--	--
Nitrate + Nitrite	17	1	6%	J	1-RPD exceeds 30% in duplicate field sample.
Nitrite	9	0	0%	--	--
Orthophosphate	9	1	11%	--	1-RPD exceeds 30% criteria for duplicate field sample.
Total Dissolved Nitrogen	12	12	100%	R	8- Result rejected as total nitrogen result is less. 4-Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
Total Dissolved Phosphorus	12	0	0%	--	--
Total Nitrogen	14	0	0%	--	--
Total Phosphorus	15	0	0%	--	--
Total Suspended Solids	18	0	0%	--	--

Table 8-4
Santa Margarita River
Summary of Index 1 Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	73	17	23%	J	13- Holding time exceeded 28 days
					4-RPD exceeds 30% criteria for duplicate field sample.
Carbonaceous Biochemical Oxygen Demand	51	2	4%	J	2-RPD in field duplicate sample exceeds 30%
Chlorophyll a	75	4	5%	J	4-RPD exceeds 30% criteria for duplicate field sample.
Nitrate + Nitrite	73	17	23%	J	13- Holding time exceeded 28 days
					4-RPD exceeds 30% criteria for duplicate field sample.
Nitrite	73	15	21%	J	7-Holding time exceeds 28 days.
					2-RPD exceeds 30% in duplicate field sample
Orthophosphate	73	15	21%	J	13- Holding time exceeded 28 days
					2-RPD exceeds 30% in duplicate field sample
Total Dissolved Nitrogen	75	75	100%	R	62-Holding time exceeds 28 days. Result rejected as total nitrogen result is less
					11-Holding time exceeds 28 days. Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
					2-Result rejected as total nitrogen result is less.
Total Dissolved Phosphorus	75	75	100%	J	72-Holding time exceeds 28 days.
				UJ	72-Holding time exceeds 28 days.
Total Nitrogen	78	78	100%	J	76-Holding time exceeds 28 days.
					2- RPD exceeds 30% in duplicate field sample. Holding time exceeds 28 days.
Total Phosphorus	74	74	100%	J	71-Holding time exceeds 28 days.
					2-RPD exceeds 30% in duplicate field sample. Holding time exceeds 28 days
				UJ	1-Holding time exceeds 28 days.
Total Suspended Solids	81	6	7%	J	6-RPD exceeds 30% criteria for duplicate field sample.

Table 8-5
Santa Margarita River
Summary of Index 2 Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	75	0	0%	--	--
Carbonaceous Biochemical Oxygen Demand	59	0	0%	--	--
Chlorophyll a	78	9	12%	J	9-lab dup 38% exceeded 30% RPD criterion
Nitrate + Nitrite	75	2	3%	J	2- RPD exceeds 30% in duplicate field sample.
Nitrite	75	0	0%	--	--
Orthophosphate	75	2	3%	J	2-RPD exceeds 30% in duplicate field sample
Total Dissolved Nitrogen	74	74	100%	R	52-Holding time exceeds 28 days. Result rejected as total nitrogen result is less.
					14- Holding time exceeds 28 days. Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
					8-Result rejected as total nitrogen result is less.
Total Dissolved Phosphorus	74	74	100%	J	74-Holding time exceeds 28 days.
Total Nitrogen	75	75	100%	J	74-Holding time exceeds 28 days.
					2-RPD exceeds 30% in duplicate field sample. Holding time exceeds 28
Total Phosphorus	74	74	100%	J	74-Holding time exceeds 28 days.
Total Suspended Solids	79	4	5%	J	4-RPD exceeds 30% criteria for duplicate field sample.

Table 8-6
Santa Margarita River
Summary of Index 3 Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	74	46	62%	J	44-Holding time exceeded 28 days
					2- RPD exceeds 30% in duplicate field sample. Holding time exceeds 28
				UJ	1-Holding time exceeded 28 days
Carbonaceous Biochemical Oxygen Demand	53	0	0%	--	--
Chlorophyll a	81	2	2%	J	2- RPD exceeds 30% in duplicate field sample.
Nitrate + Nitrite	74	52	70%	J	43- Holding time exceeded 28 days
				UJ	9- Holding time exceeded 28 days
Nitrite	74	51	69%	J	42- Holding time exceeded 28 days
				UJ	9- Holding time exceeded 28 days
Orthophosphate	74	48	65%	J	42- Holding time exceeded 28 days
					6- RPD exceeds 30% in duplicate field sample. Holding time exceeds 28
Total Dissolved Nitrogen	71	71	100%	R	55-Holding time exceeds 28 days. Result rejected as total nitrogen result is less
					14-Holding time exceeds 28 days. Result rejected due to unquantifiable nitrogen signature due to filtering methodology
					2-Result rejected as total nitrogen result is less.
Total Dissolved Phosphorus	74	74	100%	J	73-Holding time exceeds 28 days.
					1- (37.8029) RPD Above Critera, Holding time exceeds 28 days.
Total Nitrogen	74	74	100%	J	73-Holding time exceeds 28 days.
					1-(94.1166) RPD Above Criteria. Holding time exceeds 28 days.
Total Phosphorus	74	74	100%	J	71-Holding time exceeds 28 days.
				UJ	3-Holding time exceeds 28 days.
Total Suspended Solids	82	42	51%	J	1-(78.0488) RPD Above Criteria
					37-Laboratory Duplicate Criteria High
					2-RPD exceeds 30% criteria for duplicate field sample.
				UJ	2- Laboratory Duplicate Criteria High

Table 8-7
Santa Margarita River
Summary of Index 4 Qualifiers per Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	75	6	8%	J	6-RPD exceeds 30% criteria for duplicate field sample.
Carbonaceous Biochemical Oxygen Demand	54	0	0%	--	--
Chlorophyll a	80	25	31%	J	23- lab dup exceeded 30% RPD criterion
				UJ	2- lab dup exceeded 30% RPD criterion
Nitrate + Nitrite	74	0	0%	--	--
Nitrite	73	0	0%	--	--
Orthophosphate	74	2	3%	J	2- RPD exceeds 30% criteria for duplicate field sample.
Total Dissolved Nitrogen	73	73	100%	R	12-Holding time exceeds 28 days. Results estimated due to nitrogen issue.
					12- Holding time exceeds 28 days. Result rejected due to unquantifiable nitrogen signature due to filtering methodology
					31-Result rejected as total nitrogen result is less.
					22-Result rejected due to unquantifiable nitrogen signature due to filtering methodology
Total Dissolved Phosphorus	73	22	30%	J	13- Holding time exceeds 28 days. MS/MSD %R exceeds 120%
				UJ	9- Holding time exceeds 28 days. MS/MSD %R exceeds 120%
Total Nitrogen	73	22	30%	J	22-Holding time exceeds 28 days.
Total Phosphorus	73	73	100%	J	18-Holding time exceeds 28 days. MS/MSD %R exceeds 120%
					51-MS/MSD %R exceeds 120%
				UJ	3-Holding time exceeds 28 days. MS/MSD %R exceeds 120%
Total Suspended Solids	81	4	5%	J	4-lab dup (75%) exceeds 30% criteria

Table 8-8
Santa Margarita River
Summary of Stormwater 3 Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Ammonia	18	2	11%	J	2-Field duplicate RPD exceeded 25% criterion.
Carbonaceous Biochemical Oxygen Demand	18	0	0%	--	--
Chlorophyll a	20	0	0%	--	--
Nitrate + Nitrite	18	0	0%	--	--
Nitrite	18	0	0%	--	--
Orthophosphate	18	0	0%	--	--
Total Dissolved Nitrogen	17	17	100%	R	7-Holding time exceeds 28 days. Result rejected due to nitrogen issue. 10-Holding time exceeds 28 days. Result rejected as total nitrogen result is less
Total Dissolved Phosphorus	18	18	100%	J	16-Holding time exceeds 28 days. 2-RPD exceeds 25% criteria for duplicate field sample. Holding time exceeds 28 days
Total Nitrogen	18	18	100%	J	16-Holding time exceeds 28 days. 2-RPD exceeds 25% criteria for duplicate field sample. Holding time exceeds 28 days
Total Phosphorus	18	18	100%	J	18-Holding time exceeds 28 days.
Total Suspended Solids	19	0	0%	--	--

Table 8-9
Santa Margarita River
Sediment Qualifiers by Analyte

Analyte	# Samples	#Qualified	% Qualified	Qualifier	Reason
Percent Fines	13	2	15%	J	2-Field duplicate RPD exceeded 20% criterion.
Percent Sands	13	0	0%	--	--
Total Organic Carbon	15	0	0%	--	--
Total Organic Nitrogen	15	0	0%	--	--
Total Phosphorus	15	0	0%	--	--

Table 8-10
Santa Margarita River
Data Quality Objectives Summary

Sampling Event	Analyte	Precision		Accuracy		Comparability	
		DQO	Achieved RPD MS/MSD LCS/LCSD Laboratory Duplicate Field Duplicate	DQO	Achieved %R MS LCS Blanks	DQO	Achieved
Stormwater 1	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	100%	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	100%	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		0% (laboratory duplicate) 100% all other		100%		100%
	Nitrate + Nitrite		100%		100%		100%
	Nitrite		100%		100%		100%
	Orthophosphate		100%		100%		100%
	Total Dissolved Nitrogen		100%		0% (holding times)		0% (total versus dissolved discrepancy)
	Total Dissolved Phosphorus		100%		0% (holding times)		100%
	Total Nitrogen		100%		0% (holding times)		100%
	Total Phosphorus		100%		0% (holding times)		100%
	Total Suspended Solids		85%		100%		100%
Stormwater 2	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	100%	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	100%	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		100%		100%		100%
	Nitrate + Nitrite		94%		100%		100%
	Nitrite		100%		100%		100%
	Orthophosphate		100%		100%		100%
	Total Dissolved Nitrogen		100%		100%		(0% total versus dissolved discrepancy)
	Total Dissolved Phosphorus		100%		100%		100%
	Total Nitrogen		100%		100%		100%
	Total Phosphorus		100%		100%		100%
	Total Suspended Solids		100%		100%		100%
Index 1	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	95% (field duplicates)	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	83% (holding times)	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		96% (field duplicates		100%		100%
	Chlorophyll a		95% (field duplicates)		100%		100%
	Nitrate + Nitrite		95% (field duplicates)		83% (holding times)		100%
	Nitrite		97% (field duplicates)		91% (holding times)		100%
	Orthophosphate		97% (field duplicates)		83% (holding times)		100%
	Total Dissolved Nitrogen		97% (field duplicates)		3% (holding times)		(0% total versus dissolved discrepancy)
	Total Dissolved Phosphorus		100%		4% (holding times)		100%
	Total Nitrogen		97% (field duplicates)		0% (holding times)		100%
	Total Phosphorus		97% (field duplicates)		0% (holding times)		100%
	Total Suspended Solids		93% (field duplicates)		100%		100%
Index 2	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	100%	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	100%	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		88% (laboratory duplicates)		100%		100%
	Nitrate + Nitrite		97% (field duplicates)		100%		100%
	Nitrite		100%		100%		100%
	Orthophosphate		97% (field duplicates)		100%		100%
	Total Dissolved Nitrogen		89% (field duplicates)		0% (holding times)		0% (total versus dissolved discrepancy)
	Total Dissolved Phosphorus		100%		0% (holding times)		100%
	Total Nitrogen		97% (field duplicates)		1% (holding times)		100%
	Total Phosphorus		100%		0% (holding times)		100%
	Total Suspended Solids		95% (field duplicates)		100%		100%

Table 8-10
Santa Margarita River
Data Quality Objectives Summary

Sampling Event	Analyte	Precision		Accuracy		Comparability	
		DQO	Achieved RPD MS/MSD LCS/LCSD Laboratory Duplicate Field Duplicate	DQO	Achieved %R MS LCS Blanks	DQO	Achieved
Index 3	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	97% (field duplicates)	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	38% (holding times)	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		98% (field duplicates)		100%		100%
	Nitrate + Nitrite		100%		30% (holding times)		100%
	Nitrite		100%		31% (holding times)		100%
	Orthophosphate		92% (field duplicates)		35% (holding times)		100%
	Total Dissolved Nitrogen		97% (field duplicates)		0% (holding times)		0% (total versus dissolved discrepancy)
	Total Dissolved Phosphorus		99% (MS/MSD RPD)		0% (holding times)		100%
	Total Nitrogen		99% (MS/MSD RPD)		0% (holding times)		100%
	Total Phosphorus		100%		0% (holding times)		100%
	Total Suspended Solids		), 52% (laboratory duplicates), 98		100%		100%
Index 4	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	92% (field duplicates)	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	100%	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		69% (laboratory duplicates)		100%		100%
	Nitrate + Nitrite		100%		100%		100%
	Nitrite		100%		100%		100%
	Orthophosphate		97% (field duplicates)		100%		100%
	Total Dissolved Nitrogen		97% (field duplicates)		78% (holding times)		0% (total versus dissolved discrepancy)
	Total Dissolved Phosphorus		100%		70% (MS %R and holding times		100%
	Total Nitrogen		100%		70% (holding times)		100%
	Total Phosphorus		100%		% (MS %R), 71% (holding time		100%
	Total Suspended Solids		95% (laboratory duplicates)		100%		100%
Stormwater 3	Ammonia	Laboratory RPDs 20%, Field RPDs 30%	89% (field duplicates)	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Matrix Spike or control limits at + 3 standard deviations based on actual laboraotry data	100%	Data is comparable to similar sampling events	100%
	Carbonaceous Biochemical Oxygen Demand		100%		100%		100%
	Chlorophyll a		100%		100%		100%
	Nitrate + Nitrite		100%		100%		100%
	Nitrite		100%		100%		100%
	Orthophosphate		100%		100%		100%
	Total Dissolved Nitrogen		89% (field duplicates)		0% (holding times)		0% (total versus dissolved discrepancy)
	Total Dissolved Phosphorus		90% (field duplicates)		0% (holding times)		100%
	Total Nitrogen		90% (field duplicates)		0% (holding times)		100%
	Total Phosphorus		100%		0% (holding times)		100%
	Total Suspended Solids		100%		100%		100%
Sediment	Percent Fines	Replicates within 20%, Field RPDs 50%	100%	Standard Reference Materials within 95% confidence interval stated by provider of material. If not available then with 80% to 120% of true value. Laboratory Control Samples within 25%of stated values	100%	Data is comparable to similar sampling events	100%
	Percent Sands		100%		100%		100%
	Total Organic Carbon		100%		100%		100%
	Total Organic Nitrogen		100%		100%		100%
	Total Phosphorus		100%		100%		100%

RPD - relative percent difference
MS/MSD - matrix spike/matrix spike duplicate
LCS/LCSD - laboratory control sample/laboratory control sample duplicate
DQO - data quality objective

Santa Margarita Lagoon, California
Sampling Event SW1
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: CDM001
Laboratory: CRG Marine Laboratories, Inc and Calscience Environmental Laboratories, Inc.
Analysis/Methods: Chlorophyll-a - Method SM 10200 H
Total Suspended Solids - Method SM 2540 D
Biochemical Oxygen Demand - Method SM 5210 B - Calscience

Samples in SDG: Listed on the Form I's

Precision: **Yes No N/A**

Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil): See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%): No

Comments (note deviations):

Laboratory Duplicate			**Qualifier**	**Associated Sample/ Qualification**	
	Chlorophyll-a	46% - criteria (30)	J/UJ	SM-W1-S11H-1	SM-W1-PG11-6
				SM-W1-S21H-1	SM-W1-PG11-7
				SM-W1-PG11-1	SM-W1-PG11-8
				SM-W1-PG11-2	SM-W1-S11L-1
				SM-W1-PG11-3	SM-W1-S11L-3
				SM-W1-PG11-4	SM-W1-S21L-1
				SM-W1-PG11-5	

Accuracy: **Yes No N/A**

Laboratory Blanks criteria met (within control limits)? Yes

Comments (note deviations):

Representativeness: **Yes No N/A**

Were sampling procedures and design criteria met? Yes
Were holding times met? Yes*
Were preservation criteria met? (C ± C) Yes**
Were Chain-of-Custody records complete and provided in data package? Yes
Were contaminants present in blanks? Yes
Comments (note deviations):

* Samples for BOD were prepared within 48 hours and analyzed within 7 days
** Cooler temperatures were 3.1 and 8 degrees C. The 8 degree cooler was slightly outside of temperature requirements. No qualifications are recommended.

Comparability: **Yes No N/A**

Does data compare with similar analysis and data sets? Yes
Comments (note deviations):

Completeness (90%): **Yes No N/A**

Are all data in this SDG useable? Yes
Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Cherie Zakowski Date: 5/20/2008
Reviewer: Kim Zilis Date: 6/13/2008

Santa Margarita Lagoon, California
Sampling Event SW2
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: CDM001b
Laboratory: CRG Marine Laboratories, Inc
Analysis/Methods: Chlorophyll-a - Method SM 10200 H
Total Suspended Solids - Method SM 2540 D
Biochemical Oxygen Demand - Method EPA 405.1

Samples in SDG: Listed on the Form I's

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Accuracy:	**Yes No N/A**
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	Yes
Were contaminants present in blanks?	Yes

Comments (note deviations):

* Cooler temperature was 8 degrees C. The 8 degree cooler was slightly outside of temperature requirements. No qualifications are recommended.

Comparability:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Cherie Zakowski Date: 5/20/2008
Reviewer: Kim Zilis Date: 6/13/2008

Santa Margarita Lagoon, California
Sampling Event - Storm Water #3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: CDM001ac
Laboratory: CRG Marine Laboratories, Inc
Analysis/Methods: Carbonaceous Biochemical Oxygen Method SM 5210B
Chlorophyll-a Method SM 10200H
Total Suspended Solids Method SM 2540D

Samples in SDG: See Form 1's

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations): RPD level of 30% was reported as passing from lab

Accuracy:	
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes
Were Chain-of-Custody records complete and provided in data package?	Yes
Were contaminants present in blanks?	No

Comments (note deviations):

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Field blanks were collected. Results are provided on the field blank table. No qualifications were applied to the data. Field blanks were collected for informational purposes only.

Validator: Cherie Zakowski Date: 1/18/2008
Reviewer: Kim Zilis Date: 1/19/2008

Santa Margarita Lagoon, California
Sampling Event
Data Evaluation Worksheet

Sampling Event	Index 1, Index 2, Stormwater 1, and Stormwater 2
Laboratory:	University of California Santa Barbara- Marine Science Institute
Analysis/Methods:	Ammonia Nitrate+Nitrite Nitrite Orthophosphate
Samples in SDG:	See Lab Data Sheet MSI.xls

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	NA
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

MS/MSD Matrix spike recoveries could not be determined

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	No
Were contaminants present in blanks?	No

Comments (note deviations):

The holding time for Nitrite analysis is 48 hours. Nitrite analysis for all samples was performed at least 2 weeks after sample collection. In accordance with the QAPP, Stakeholders and SCCWRP are permitted to filter and freeze nutrient samples to increase the holding time to 28 days. The nitrite data has been estimated. The following analytes were outside of holding time for Index 1 samples.

		Qualifier	**Samples**
Nitrite	>28 days	J/UJ	See database
Ammonia	>28 days	J/UJ	See database
Orthophosphate	>28 days	J/UJ	See database
Nitrate/nitrite	>28 days	J/UJ	See database

Comparability:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	No

Comments (note deviations): Nitrite analysis was performed outside of holding times and the data was qualified.

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator:	Cherie Zakowski	Date:	6/18/2008
Reviewer:	Kim Zilis	Date:	6/24/2008

Santa Margarita Lagoon, California
Sampling Event - Storm Water #3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Storm Water #3
Laboratory: MSI Marine Laboratories, Inc
Analysis/Methods: Ammonia
Nitrate+Nitrite
Nitrite
Orthophosphate

Samples in SDG: See database

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	No
Were contaminants present in blanks?	No

Comments (note deviations):
*No cooler temp was included in database - samples were shipped frozen.

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 2/11/2009
Reviewer: Cherie Zakowski Date: 2/15/2009

Santa Margarita Lagoon, California
Sampling Event-UGA
Data Evaluation Worksheet

Sampling Event: Index 1, Index 2, Stormwater 1, and Stormwater 2
Laboratory: University of Georgia (UGA)
Analysis/Methods: Total Phosphorus
Total Dissolved Phosphorus
Total Dissolved Nitrogen
Total Nitrogen

Samples in SDG: See Database Sample_QC_Results.xls

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Laboratory Duplicate	**Qualifier**	**Associated Sample/ Qualification**
Unknown due to absence of parent data		

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

MS/MSD The expected value for the samples marked MS/MSD were assumed to be the MS value and RPD was determined.
For all the samples except SM-I2D4-ME-MS/MSD had a RPD under 20%
The frequency could not be determined due to the absence of parent data

LCS/ LCSD The frequency could not be determined due to the absence of parent data
Samples with the sample ID Control-TNTP-LCS-TN, Control-TNTP-LCS-TDN, Control-TPTP-LCS-TP, Control-TPTP-LCS-TDP
did not have expected values, thus % recovery was not calculated

	Qualifier	**Associated Sample/ Qualification**
Blanks	**Nondetect**	
	The frequency could not be determined due to the absence of parent data	

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	No
Were holding times met?	No
Were contaminants present in blanks?	No

Comments (note deviations):

Holding Times		**Qualifier**	**Samples**
Total Dissolved Nitrogen	> 28 days	J/UJ	See database
Total Nitrogen	> 28 days	J/UJ	See database
Total Dissolved Phosphorous	> 28 days	J/UJ	See database
Total Phosphorous	> 28 days	J/UJ	See database

Note: Holding times were outside for samples in Index 1, Index 2, and Stormwater 1

Sampling Procedures

All total dissolved nitrogen results were rejected R due to unquantifiable nitrogen signature due to filtering methodology.
The R qualifier replaces the J/UJ qualifier in the database.

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 6/12/2008
Reviewer: Kim Zilis Date: 6/20/2008

Santa Margarita Lagoon, California
Sampling Event - Storm Water #3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Storm Water #3
Laboratory: UGA Marine Laboratories, Inc
Analysis/Methods: Total Phosphorus 4500J
Total Dissolved Phosphorus 4500J
Total Nitrogen 4500J
Total Dissolved Nitrogen 4500J

Samples in SDG: See database

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations): RPD level of 30% was reported as passing from lab

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	No
Were holding times met?	No
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	No
Were contaminants present in blanks?	No

Comments (note deviations):
*No cooler temp was included in database - samples were shipped frozen.

Holding Times			**Qualifier**	**Samples**
Total Dissolved Nitrogen	> 48 hours	28 days if frozen	J/UJ	See database
Total Nitrogen	> 7 days	28 days if frozen	J/UJ	See database
Total Dissolved Phosphorous	> 28 days		J/UJ	See database
Total Phosphorous	> 28 days		J/UJ	See database

NOTE: All samples exceeded holding times for all analytes.

Sampling Procedures

All total dissolved nitrogen results were rejected R due to unquantifiable nitrogen signature due to filtering methodology.
The R qualifier replaces the J/UJ qualifier in the database.

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 2/11/2009
Reviewer: Cherie Zakowski Date: 2/16/2009

Santa Margarita Lagoon, California
Sampling Event Index 1
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number:	CDM001c, CDM001d, CDM001e, CDM001f, CDM001g, CDM001h
Laboratory:	CRG Marine Laboratories, Inc, Calscience Environmental Laboratories, Inc.
Analysis/Methods:	Chlorophyll-a - Method SM 10200 H
	Total Suspended Solids - Method SM 2540 D
	Biochemical Oxygen Demand - Method EPA 405.1 by CRG - CDM001c, CDM001f, CDM001g
	Biochemical Oxygen Demand - Method SM 5210B by Calscience - CDM001d, CDM001e, CDM001h
Samples in SDG:	Listed on the Form I's

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Accuracy:	**Yes No N/A**
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes
Were Chain-of-Custody records complete and provided in data package?	Yes
Were contaminants present in blanks?	Yes

Comments (note deviations):

Comments (note deviations):

CDM001c - Cooler temperature was 8 degrees C. The 8 degree cooler was slightly outside of temperature requirements. No qualifications are recommended.

CDM001g and CDM001H - cooler temperature as received by CRG not reported.

SM-I1D3-S2H-2 on the COC for SDG CDM001e was labeled on the sample bottle as SM-I1D3-S1H-2. Data was reported in accordance with the COC identification.

The laboratory resubmitted reports for CDM001f and CDM001g correcting the dates for the BOD analysis.

Comparability:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Cherie Zakowski Date: 5/20/2008
Reviewer: Kim Zilis Date: 6/13/2008

Santa Margarita Lagoon, California
Sampling Event Index 2
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number:	CDM001i, CDM001j, CDM001k, CDM001l, CDM001m, CDM001n, CDM001o
Laboratory:	CRG Marine Laboratories, Inc.; Calscience Environmental Laboratories, Inc.
Analysis/Methods:	Chlorophyll-a - Method SM 10200 H Total Suspended Solids - Method SM 2540 D Biochemical Oxygen Demand - Method EPA 405.1 - CRG CDM001k, CDM001l, CDM001n, CDM001o Biochemical Oxygen Demand - Method SM 5210B - Calscience CDM001i, CDM001j, CDM001m
Samples in SDG:	Listed on the Form I's

Precision: **Yes No N/A**

Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	No

Comments (note deviations):

Laboratory Duplicate	**Qualifier**	**Associated Sample/ Qualification**	
CDM001i - Chlorophyll-a 38% (30)	J/UJ	SM-I2D1-S1H-1	SM-I2D1-S2L-1
		SM-I2D1-S2H-1	SM-I2D1-O1L-1
		SM-I2D1-O1H-1	SM-I2D1-ME-1
		SM-I2D1-S1L-1	SM-I2D1-S1L-2

Accuracy: **Yes No N/A**

Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness: **Yes No N/A**

Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	Yes
Were contaminants present in blanks?	Yes

Comments (note deviations):

CDM001i - Cooler temperatures were 3.7 and 11 degrees C. The 11 degree cooler was slightly outside of temperature requirements. No qualifications are recommended as samples were received within approximately 7 hours of collection.
CDM001j - Cooler temperatures were 3.7 and 12 degrees C. The 12 degree cooler was slightly outside of temperature requirements. No qualifications are recommended as samples were received within approximately 7 hours of collection.
CDM001k - Cooler temperature was 12 degrees C. The 12 degree cooler was slightly outside of temperature requirements. No qualifications are recommended as samples were received within approximately 7 hours of collection.
CDM001l - Cooler temperature not found. Samples were received by the laboratory within 3 hours of collection.
CDM001n - Cooler temperature was 12 degrees C. The 12 degree cooler was slightly outside of temperature requirements. No qualifications are recommended as samples were received within approximately 10 hours of collection.
CDM001o - Cooler temperature was 12 degrees C. The 12 degree cooler was slightly outside of temperature requirements. No qualifications are recommended as samples were received within approximately 10 hours of collection.
The laboratory resubmitted the report for CDM001k correcting the dates for the BOD analysis.

Comparability: **Yes No N/A**

Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%): **Yes No N/A**

Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives?	Yes

Comments:

Validator:	Cherie Zakowski	Date:	5/20/2008
Reviewer:	Kim Zilis	Date:	6/13/2008

Santa Margarita Lagoon, California
Sampling Event-Index 3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: CDM001p, CDM001q, CDM001r, CDM001s, CDM001t, CDM001u, CDM001v,
Laboratory: CRG Marine Laboratories, Inc
Analysis/Methods: Carbonaceous Biochemical Oxygen Method SM 5210B
Chlorophyll-a Method SM 10200H
Total Suspended Solids Method SM 2540D

Samples in SDG: See Form 1's

Precision: **Yes No N/A**

Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil) See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%) No

Comments (note deviations): RPD level of 30% was reported as passing from lab

	Laboratory Duplicate			**Qualifier**	**Associated Sample Qualification**		
PB	5624012	Total Suspended Solids	39% -criteria (30)	J/UJ	SM-I3-TR1H-1	SM-I3-TR1L-1	SM-I3-TR11L-1
		Total Suspended Solids	40% - criteria (30)	J/UJ	SM-I3-TR2H-1	SM-I3-TR2L-1	SM-I3-TR12L-1
					SM-I3-TR3H-1	SM-I3-TR3L-1	SM-I3-TR6H-2
					SM-I3-TR4H-1	SM-I3-TR4L-1	SM-I3-TR9H-2
					SM-I3-TR5H-1	SM-I3-TR5L-1	SM-I3-TR8L-2
					SM-I3-TR6H-1	SM-I3-TR6L-1	SM-I3-TR10H-1
					SM-I3-TR7H-1	SM-I3-TR7L-1	SM-I3-TR11H-1
					SM-I3-TR8H-1	SM-I3-TR8L-1	SM-I3-TR12H-1
					SM-I3-TR9H-1	SM-I3-TR9L-1	SM-I3-TR10L-1
PB	5624007	Total Suspended Solids	65% -criteria (30)	J/UJ	SM-I3D5-S1H-1	SM-I3D5-O1L-1	
					SM-I3D5-S2H-1	SM-I3D5-S1L-2	
					SM-I3D5-O1H-1	SM-I3D5-ME-1	
					SM-I3D5-S1L-1	SM-I3D5-FB-1	
					SM-I3D5-S2L-1		

Accuracy: **Yes No N/A**

Laboratory Blanks criteria met (within control limits)? Yes

Comments (note deviations):

Representativeness: **Yes No N/A**

Were sampling procedures and design criteria met? Yes
Were holding times met? Yes*
Were preservation criteria met? (C ± C) Yes**
Were Chain-of-Custody records complete and provided in data package? Yes
Were contaminants present in blanks? No
Comments (note deviations): *Samples for BOD were prepared and analyzed within 24 hours
**Coolers were received at temperatures of 3°C, 6°C, 4°C, 10°C, 9°C, 7°C and 7°C, however no action was taken

Comparibility: **Yes No N/A**

Does data compare with similar analysis and data sets? Yes
Comments (note deviations):

Completeness (90%): **Yes No N/A**

Are all data in this SDG useable? Yes
Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:
Field blanks were collected. Results are provided on the field blank table. No qualifications were applied to the data. Field blanks were collected for informational purposes only.

Validator: Jessica Jeppson Date: 9/17/2008
Reviewer: Cherie Zakowski Date: 9/23/2008

Santa Margarita Lagoon, California
Sampling Event-Index 3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Index 3
Laboratory: MSI Marine Laboratories, Inc
Analysis/Methods: Ammonia
Nitrate+Nitrite
Nitrite
Orthophosphate

Samples in SDG: See database

Precision: **Yes No N/A**

Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	No

Comments (note deviations): RPD level of 30% was reported as passing from lab

PB	Sample ID	Analyte	Dup	Original	%RPD	Qualifier	Samples
AL2684	SM-I3D2-S1H-2	Nitrite	0.03	0.049	37.23988341	No qualifier - difference between the samples is less than 2xCRDL	

NOTE: not sure if all samples are qualified based on lab dup but put it in the database and highlighted the samples with yellow.
Not sure if ND gets a UJ qualifier.

Accuracy: **Yes No N/A**

Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations): Pcontrol assumed to be LCS.

Representativeness: **Yes No N/A**

Were sampling procedures and design criteria met?	Yes
Were holding times met?	No
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	No
Were contaminants present in blanks?	No

Comments (note deviations):
*No cooler temp was included in database

Holding Times		Qualifier	Samples
Nitrate + Nitrite	> 28 days	J/UJ	See database
Nitrite	> 28 days	J/UJ	See database
Orthophosphate	> 28 days	J/UJ	See database
Ammonia	>28 days	J/UJ	See database

Comparibility: **Yes No N/A**
Does data compare with similar analysis and data sets? Yes
Comments (note deviations):

Completeness (90%): **Yes No N/A**
Are all data in this SDG useable? Yes
Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments: Field blanks were collected. Results are provided on the field blank table. No qualifications were applied to the data. Field blanks were collected for informational purposes only.

Validator: Jessica Jeppson Date: 9/28/2008
Reviewer: Cherie Zakowski Date: 9/28/2008

Santa Margarita Lagoon, California
Sampling Event-Index 3
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Index 3
Laboratory: UGA Marine Laboratories, Inc
Analysis/Methods: Total Phosphorus 4500J
Total Dissolved Phosphorus 4500J
Total Nitrogen 4500J
Total Dissolved Nitrogen 4500J

Samples in SDG: See Form 1's

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations): RPD level of 30% was reported as passing from lab

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations):

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	No
Were holding times met?	No
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	No
Were contaminants present in blanks?	No

Comments (note deviations):
*No cooler temp was included in database

Holding Times		**Qualifier**	**Samples**
Total Dissolved Nitrogen	> 28 days	J/UJ	See database
Total Nitrogen	> 28 days	J/UJ	See database
Total Dissolved Phosphorous	> 28 days	J/UJ	See database
Total Phosphorous	> 28 days	J/UJ	See database

NOTE: All samples exceeded holding times for all analytes.

Sampling Procedures

All total dissolved nitrogen results were rejected R due to unquantifiable nitrogen signature due to filtering methodology.
The R qualifier replaces the J/UJ qualifier in the database.

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments: Field blanks were collected. Results are provided on the field blank table. No qualifications were applied to the data. Field blanks were collected for informational purposes only.

Validator: Jessica Jeppson Date: 9/28/2008
Reviewer: Cherie Zakowski Date: 9/28/2008

Santa Margarita Lagoon, California
Sampling Event-Index 4
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: CDM001w, CDM001x, CDM001y, CDM001z, CDM001aa, CDM001ab
Laboratory: CRG Marine Laboratories, Inc
Analysis/Methods: Carbonaceous Biochemical Oxygen Method SM 5210B
Chlorophyll-a Method SM 10200H
Total Suspended Solids Method SM 2540D

Samples in SDG: See Form 1's

Precision: **Yes No N/A**

Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil): See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 30% [lab criteria]): No

Comments (note deviations): RPD level of 30% was reported as passing from lab

Laboratory Duplicate				Qualifier	Associated Sample Qualification		
CDM001W							
PB	5705012	Chlorophyll-a	40% -criteria (30)	J/UJ	SM-I4D1-S1H-1		
					SM-I4D1-S2H-1		
					SM-I4D1-O1H-1		
					SM-I4D1-S1L-1		
					SM-I4D1-S2L-1		
					SM-I4D1-O1L-1		
					SM-I4D1-S1H-2		
					SM-I4D1-FB-1		
CDM001Y							
PB	5705019	Chlorophyll-a	38% -criteria (30)	J/UJ	SM-I4-TR11H-1	SM-I4-TR7L-1	SM-I4-TR6H-2
					SM-I4-TR12H-1	SM-I4-TR8L-1	
					SM-I4-TR1l-1	SM-I4-TR10L-1	
					SM-I4-TR2L-1	SM-I4-TR11L-1	
					SM-I4-TR3L-1	SM-I4-TR12L-1	
					SM-I4-TR4L-1	SM-I4-TR9H-2	
					SM-I4-TR5L-1	SM-I4-TR8L-2	
					SM-I4-TR6L-1	SM-I4-TR9L-MSMSD	
CDM001Y							
PB	5724031	Total Suspended Solids	75% -criteria (30)	J/UJ		SM-I4-TR12L-1	
						SM-I4-TR9H-2	
						SM-I4-TR8L-2	
						SM-IR-TR-6H-2	

Comments (note deviations):
*Assumed SM-I4-TR6H-MSMSD and SM-I4-TR9L-MSMSD were MS samples and SM-I4-TR6H-2 was a MSD sample. The RPD for SM-I4-TR6H MS/MSD for total suspended sediments was outside a criteria of 30%. However percent recoveries were not provided so no action was taken.

Accuracy:

Laboratory Blanks criteria met (within control limits)? Yes

Comments (note deviations):

Representativeness: **Yes No N/A**

Were sampling procedures and design criteria met? Yes
Were holding times met? Yes
Were preservation criteria met? (C ± C) Yes**
Were Chain-of-Custody records complete and provided in data package? Yes
Were contaminants present in field blanks? No
Comments (note deviations):
**Coolers were received at temperatures of 8°C, 7°C, 9°C, 9°C, 8°C, and 5°C, however no action was taken
Field blanks were collected. Results are provided on the field blank table. No qualifications were applied to the data. Field blanks were collected for informational purposes only.

Comparibility: **Yes No N/A**

Does data compare with similar analysis and data sets? Yes
Comments (note deviations):

Completeness (90%): **Yes No N/A**

Are all data in this SDG useable? Yes
Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 11/13/2008
Reviewer: Cherie Zakowski Date: 1/12/2009

Santa Margarita Lagoon, California
Sampling Event-MSI - Index 4
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Index 4
Laboratory: MSI Marine Laboratories, Inc
Analysis/Methods: Ammonia
Nitrate+Nitrite
Nitrite
Orthophosphate

Samples in SDG: See database

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD Table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	No*

Comments (note deviations): *Five replicates were done for AL2739 and one replicate AL2745. No action was taken for the less than the 20% frequency. All lab duplicates were within the 20% control limits.

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	No*
Laboratory Control Sample criteria met?	Yes*
Laboratory Blanks criteria met (within control limits)?	Yes

Comments (note deviations): *Pcontrol assumed to be LCS. Eight samples were run for AL2739 but none were run for AL2745. No action was taken for the lack of a LCS for AL2745.
*Three MS/MSD were done for AL2739 and AL2745. No action was taken for the less than the 20% frequency. All MS/MSD were within the 20% control limits.

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes*
Were Chain-of-Custody records complete and provided in data package?	No
Were contaminants present in blanks?	No

Comments (note deviations):
*No cooler temp was included in database
Per verbal communication with the sampling team, samples were frozen, hence a 28 day holding time is applicable.

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 1/15/2009
Reviewer: Cherie Zakowski Date: 1/18/2009

Santa Margarita Lagoon, California
Sampling Event-UGA Index 4
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number:	Index 4
Laboratory:	UGA Marine Laboratories, Inc
Analysis/Methods:	Total Phosphorus 4500J Total Dissolved Phosphorus 4500J Total Nitrogen 4500J Total Dissolved Nitrogen 4500J
Samples in SDG:	See database

Precision:

	Yes	No	N/A
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD table		
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 30% [lab limits])		No*	

Comments (note deviations): RPD level of 30% was reported as passing from lab
Samples were within the control limits but not within the 20% frequency. Only 12 dups were run

PB 1	Sample ID	Analyte	Dup	Original	%RPD	Qualifier	Samples
11/17/08	SM-I4D4-O1H	Total Dissolved Phosphorus	0.00	0.0205	Not calculable	None	See database

Note: The RPD is not calculable when one result is nondetect.

Accuracy:

	Yes	No	N/A
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)		No*	
Laboratory Control Sample criteria met?		Yes	
Laboratory Blanks criteria met (within control limits)?		Yes	

Comments (note deviations):

	MS/MSD	Analyte	Result (mg/L)	Expected (mg/L)	MS/MSD %R	Qualifier	Associated Samples
PB 1 11/17/2008	SM-I4-D5-SIL-MSMSD	Total Dissolved Phosphorus	0.048	0.0394	122.1 (80-120%)	J/UJ	see database
PB1 11/17/2008	SM-I4D6-SIL-MSMSD	Total Phosphorus	0.0466	0.036	129.3 (80-120%)	J/UJ	see database
		Total Dissolved Phosphorus	0.034	0.271	125.5 (80-120%)	J/UJ	see database
PB 1 10/15/2008	SM-I4-TR6H-MSMSD	Total Phosphorus	0.1075	0.0838	128.4 (80-120%)	J/UJ	see database
PB 1 10/15/2008	SM-I4-TR9L-MSMSD	Total Phosphorus	0.1638	0.1293	126.7 (80-120%)	J/UJ	see database

Representativeness:

	Yes	No	N/A
Were sampling procedures and design criteria met?		No	
Were holding times met?		No	
Were preservation criteria met? (C ± C)		Yes*	
Were Chain-of-Custody records complete and provided in data package?		No	
Were contaminants present in blanks?		No	

Comments (note deviations):
*No cooler temp was included in database

Holding Times		Qualifier	Samples
Total Dissolved Nitrogen	> 28 days	J/UJ	See database
Total Nitrogen	> 28 days	J/UJ	See database
Total Dissolved Phosphorous	> 28 days	J/UJ	See database
Total Phosphorous	> 28 days	J/UJ	See database

NOTE: All samples exceeded holding times for all analytes.

Sampling Procedures

All total dissolved nitrogen results were rejected R due to unquantifiable nitrogen signature due to filtering methodology.
The R qualifier replaces the J/UJ qualifier in the database.

Comparibility:

	Yes	No	N/A
Does data compare with similar analysis and data sets?	Yes		

Comments (note deviations):

Completeness (90%): **Yes No N/A**

Are all data in this SDG useable? Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Jessica Jeppson Date: 1/16/2009

Reviewer: Cherie Zakowski Date: 1/18/2009

Santa Margarita Lagoon, California
Sampling Event - Sediment
Data Evaluation Worksheet

Sample Delivery Group (SDG) Number: Sediment
Laboratory: UGA Marine Laboratories, Inc/MSI
Analysis/Methods: Percent of Total Phosphorus
Carbon/Nitrogen Ratio
Percent Sand/Percent Fines

Samples in SDG:

SS01-FI	SS08-F1	SS015-F1
SS02-F1	SS09-F1	SS02-F3
SS03-F1	SS010-F1	SS15-F3
SS04-F1	SS011-F1	
SS05-F1	SS012-F1	
SS06-F1	SS013-F1	
SS07-F1	SS014-F1	

Precision:	**Yes No N/A**
Field Duplicates RPD criteria met? (frequency 10% and control limits ± 25% water and ± 20% soil)	See FD table
Laboratory Duplicates RPD criteria met? (frequency 20% and control limits ± 20%)	Yes

Comments (note deviations):

Accuracy:	**Yes No N/A**
Matrix Spike/Matrix Spike Duplicates criteria met? (frequency 20% and control limits-lab defined)	Yes
Laboratory Control Sample criteria met?	Yes
Laboratory Blanks criteria met (within control limits)?	Yes

Representativeness:	**Yes No N/A**
Were sampling procedures and design criteria met?	Yes
Were holding times met?	Yes
Were preservation criteria met? (C ± C)	Yes
Were Chain-of-Custody records complete and provided in data package?	Yes
Were contaminants present in blanks?	No

Comments (note deviations):

Comparibility:	**Yes No N/A**
Does data compare with similar analysis and data sets?	Yes

Comments (note deviations):

Completeness (90%):	**Yes No N/A**
Are all data in this SDG useable?	Yes

Comments (note deviations):

Do all data in this SDG meet the Data Quality Objectives? Yes

Comments:

Validator: Cherie Zakowski Date: 5/10/2009
Reviewer: Todd Burgesser Date: 5/11/2009

Lab	Event	SampleID	LabSampleID
MSI	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
MSI	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
MSI	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
MSI	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
MSI	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
MSI	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
MSI	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
MSI	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
MSI	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
MSI	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
MSI	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
MSI	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
MSI	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
CRG	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
CRG	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
CRG	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
CRG	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
CRG	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
CRG	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
CRG	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
CRG	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
CRG	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
CRG	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
CRG	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
CRG	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
CRG	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
CRG	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
CRG	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
CRG	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
CRG	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
CRG	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
CRG	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
CRG	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
CRG	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
CRG	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
CRG	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
CRG	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
CRG	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
CRG	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1

CRG	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
MSI	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
MSI	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
MSI	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
MSI	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
MSI	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
MSI	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
MSI	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
MSI	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
MSI	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
MSI	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
MSI	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
MSI	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
MSI	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
MSI	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
MSI	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
MSI	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
MSI	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
MSI	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
MSI	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
MSI	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
MSI	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
MSI	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
MSI	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
MSI	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
MSI	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
MSI	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
MSI	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
MSI	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
MSI	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
MSI	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
MSI	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
MSI	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
MSI	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
MSI	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
MSI	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
MSI	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
MSI	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
MSI	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
MSI	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1

UGA	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1 TDN
UGA	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2 TDN
UGA	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3 TDN
UGA	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4 TDN
UGA	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5 TDN
UGA	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6 TDN
UGA	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7 TDN
UGA	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8 TDN
UGA	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1 TDN
UGA	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1 TDN
UGA	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3 TDN
UGA	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1 TDN
UGA	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1 TDN
UGA	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1 TDP
UGA	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2 TDP
UGA	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3 TDP
UGA	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4 TDP
UGA	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5 TDP
UGA	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6 TDP
UGA	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7 TDP
UGA	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8 TDP
UGA	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1 TDP
UGA	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1 TDP
UGA	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3 TDP
UGA	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1 TDP
UGA	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1 TDP
UGA	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1 TN
UGA	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2 TN
UGA	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3 TN
UGA	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4 TN
UGA	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5 TN
UGA	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6 TN
UGA	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7 TN
UGA	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8 TN
UGA	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1 TN
UGA	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1 TN
UGA	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3 TN
UGA	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1 TN
UGA	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1 TN
UGA	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1 TP

UGA	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2 TP
UGA	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3 TP
UGA	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4 TP
UGA	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5 TP
UGA	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6 TP
UGA	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7 TP
UGA	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8 TP
UGA	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1 TP
UGA	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1 TP
UGA	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3 TP
UGA	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1 TP
UGA	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1 TP
CRG	Stormwater 1	SM-W1-PG11-1	SM-W1-PG11-1
CRG	Stormwater 1	SM-W1-PG11-2	SM-W1-PG11-2
CRG	Stormwater 1	SM-W1-PG11-3	SM-W1-PG11-3
CRG	Stormwater 1	SM-W1-PG11-4	SM-W1-PG11-4
CRG	Stormwater 1	SM-W1-PG11-5	SM-W1-PG11-5
CRG	Stormwater 1	SM-W1-PG11-6	SM-W1-PG11-6
CRG	Stormwater 1	SM-W1-PG11-7	SM-W1-PG11-7
CRG	Stormwater 1	SM-W1-PG11-8	SM-W1-PG11-8
CRG	Stormwater 1	SM-W1-S11H-1	SM-W1-S11H-1
CRG	Stormwater 1	SM-W1-S11L-1	SM-W1-S11L-1
CRG	Stormwater 1	SM-W1-S11L-3	SM-W1-S11L-3
CRG	Stormwater 1	SM-W1-S21H-1	SM-W1-S21H-1
CRG	Stormwater 1	SM-W1-S21L-1	SM-W1-S21L-1
MSI	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
MSI	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
MSI	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
MSI	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
MSI	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
MSI	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
MSI	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
MSI	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
MSI	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
MSI	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
MSI	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
MSI	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
MSI	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
MSI	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
MSI	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1

MSI	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
CRG	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
CRG	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
CRG	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
CRG	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
CRG	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
CRG	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
CRG	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
CRG	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
CRG	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
CRG	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
CRG	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
CRG	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
CRG	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
CRG	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
CRG	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
CRG	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
CRG	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
CRG	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
CRG	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
CRG	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
CRG	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
CRG	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
CRG	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
CRG	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
CRG	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
CRG	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
CRG	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
CRG	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
CRG	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
CRG	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
CRG	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
CRG	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
CRG	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
CRG	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
CRG	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
MSI	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
MSI	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4

MSI	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
MSI	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
MSI	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
MSI	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
MSI	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
MSI	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
MSI	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
MSI	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
MSI	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
MSI	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
MSI	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
MSI	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
MSI	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
MSI	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
MSI	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
MSI	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
MSI	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
MSI	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
MSI	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
MSI	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
MSI	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
MSI	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
MSI	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
MSI	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
MSI	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
MSI	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
MSI	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
MSI	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
MSI	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
MSI	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
MSI	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
MSI	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
MSI	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
MSI	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
MSI	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10
MSI	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
MSI	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
MSI	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6

MSI	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
MSI	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
MSI	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
MSI	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
MSI	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
MSI	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
MSI	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
UGA	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10 TDN
UGA	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2 TDN
UGA	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4 TDN
UGA	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7 TDN
UGA	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1 TDN
UGA	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3 TDN
UGA	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6 TDN
UGA	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9 TDN
UGA	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5 TDN
UGA	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8 TDN
UGA	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1 TDN
UGA	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1 TDN
UGA	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2 TDN
UGA	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1 TDN
UGA	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1 TDN
UGA	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1 TDN
UGA	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1 TDN
UGA	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1 TDP
UGA	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3 TDP
UGA	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5 TDP
UGA	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6 TDP
UGA	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8 TDP
UGA	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9 TDP
UGA	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10 TDP
UGA	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2 TDP
UGA	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4 TDP
UGA	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7 TDP
UGA	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1 TDP
UGA	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1 TDP
UGA	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1 TDP
UGA	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2 TDP
UGA	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1 TDP

UGA	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1 TDP
UGA	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1 TDP
UGA	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1 TN
UGA	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10 TN
UGA	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2 TN
UGA	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3 TN
UGA	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4 TN
UGA	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6 TN
UGA	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7 TN
UGA	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9 TN
UGA	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5 TN
UGA	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8 TN
UGA	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1 TN
UGA	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1 TN
UGA	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2 TN
UGA	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1 TN
UGA	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1 TN
UGA	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1 TN
UGA	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1 TN
UGA	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1 TP
UGA	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10 TP
UGA	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2 TP
UGA	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3 TP
UGA	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4 TP
UGA	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6 TP
UGA	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7 TP
UGA	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9 TP
UGA	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5 TP
UGA	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8 TP
UGA	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1 TP
UGA	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1 TP
UGA	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2 TP
UGA	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1 TP
UGA	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1 TP
UGA	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1 TP
UGA	Stormwater 2	SM-W2-S2H-3	SM-W2-S2H-3 TP
UGA	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1 TP
CRG	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
CRG	Stormwater 2	SM-W2-PG2-1	SM-W2-PG2-1
CRG	Stormwater 2	SM-W2-PG2-10	SM-W2-PG2-10

CRG	Stormwater 2	SM-W2-PG2-2	SM-W2-PG2-2
CRG	Stormwater 2	SM-W2-PG2-3	SM-W2-PG2-3
CRG	Stormwater 2	SM-W2-PG2-4	SM-W2-PG2-4
CRG	Stormwater 2	SM-W2-PG2-5	SM-W2-PG2-5
CRG	Stormwater 2	SM-W2-PG2-6	SM-W2-PG2-6
CRG	Stormwater 2	SM-W2-PG2-7	SM-W2-PG2-7
CRG	Stormwater 2	SM-W2-PG2-8	SM-W2-PG2-8
CRG	Stormwater 2	SM-W2-PG2-9	SM-W2-PG2-9
CRG	Stormwater 2	SM-W2-O1H-1	SM-W2-O1H-1
CRG	Stormwater 2	SM-W2-O1L-1	SM-W2-O1L-1
CRG	Stormwater 2	SM-W2-S1H-1	SM-W2-S1H-1
CRG	Stormwater 2	SM-W2-S1H-2	SM-W2-S1H-2
CRG	Stormwater 2	SM-W2-S1L-1	SM-W2-S1L-1
CRG	Stormwater 2	SM-W2-S2H-1	SM-W2-S2H-1
CRG	Stormwater 2	SM-W2-S2L-1	SM-W2-S2L-1
MSI	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
MSI	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
MSI	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
MSI	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
MSI	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
MSI	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
MSI	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
MSI	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
CRG	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
CRG	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
CRG	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
CRG	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
CRG	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
CRG	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
CRG	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
CRG	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
CRG	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
CRG	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
CRG	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
CRG	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
CRG	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
CRG	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
CRG	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
CRG	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
MSI	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1

MSI	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
MSI	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
MSI	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
MSI	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
MSI	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
MSI	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
MSI	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
MSI	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
MSI	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
MSI	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
MSI	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
MSI	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
MSI	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
MSI	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
MSI	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
MSI	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
MSI	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
MSI	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
MSI	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
MSI	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
MSI	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
MSI	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
MSI	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
UGA	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1 TDN
UGA	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1 TDN
UGA	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1 TDN
UGA	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1 TDN
UGA	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1 TDN
UGA	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1 TDN
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TDN
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TDN
UGA	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1 TDN
UGA	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1 TDP
UGA	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1 TDP
UGA	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1 TDP
UGA	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1 TDP
UGA	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1 TDP
UGA	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1 TDP
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TDP
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TDP

UGA	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1 TDP
UGA	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1 TN
UGA	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1 TN
UGA	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1 TN
UGA	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1 TN
UGA	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1 TN
UGA	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1 TN
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TN
UGA	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1 TN
UGA	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1 TP
UGA	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1 TP
UGA	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1 TP
UGA	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1 TP
UGA	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1 TP
UGA	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1 TP
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TP
UGA	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1 TP
UGA	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1 TP
CRG	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
CRG	Index 1	SM-I1D1-MEH-1	SM-I1D1-MEH-1
CRG	Index 1	SM-I1D1-MEL-1	SM-I1D1-MEL-1
CRG	Index 1	SM-I1D1-O1H-1	SM-I1D1-O1H-1
CRG	Index 1	SM-I1D1-O1L-1	SM-I1D1-O1L-1
CRG	Index 1	SM-I1D1-S1H-1	SM-I1D1-S1H-1
CRG	Index 1	SM-I1D1-S1L-1	SM-I1D1-S1L-1
CRG	Index 1	SM-I1D1-S2H-1	SM-I1D1-S2H-1
CRG	Index 1	SM-I1D1-S2L-1	SM-I1D1-S2L-1
MSI	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
MSI	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
MSI	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
MSI	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
MSI	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
MSI	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
CRG	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
CRG	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
CRG	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
CRG	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
CRG	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
CRG	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
CRG	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1

CRG	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
CRG	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
CRG	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
CRG	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
CRG	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
MSI	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
MSI	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
MSI	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
MSI	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
MSI	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
MSI	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
MSI	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
MSI	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
MSI	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
MSI	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
MSI	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
MSI	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
MSI	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
MSI	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
MSI	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
MSI	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
MSI	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
MSI	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
UGA	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1 TDN
UGA	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1 TDN
UGA	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1 TDN
UGA	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1 TDN
UGA	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1 TDN
UGA	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1 TDN
UGA	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1 TDP
UGA	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1 TDP
UGA	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1 TDP
UGA	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1 TDP
UGA	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1 TDP
UGA	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1 TDP
UGA	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1 TN
UGA	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1 TN
UGA	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1 TN
UGA	Index 1	SM-I1D2-S1H-2	SM-I1D2-S1H-2 TN
UGA	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1 TN

UGA	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1 TN
UGA	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1 TN
UGA	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1 TP
UGA	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1 TP
UGA	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1 TP
UGA	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1 TP
UGA	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1 TP
UGA	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1 TP
CRG	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
CRG	Index 1	SM-I1D2-ME-1	SM-I1D2-ME-1
CRG	Index 1	SM-I1D2-O1H-1	SM-I1D2-O1H-1
CRG	Index 1	SM-I1D2-S1H-1	SM-I1D2-S1H-1
CRG	Index 1	SM-I1D2-S1L-1	SM-I1D2-S1L-1
CRG	Index 1	SM-I1D2-S2H-1	SM-I1D2-S2H-1
CRG	Index 1	SM-I1D2-S2L-1	SM-I1D2-S2L-1
MSI	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
MSI	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
MSI	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
MSI	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
MSI	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2
MSI	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
MSI	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
MSI	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
CRG	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
CRG	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
CRG	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
CRG	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
CRG	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
CRG	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
CRG	Index 1	SM-I1D3-S2H-2	SM-I1D3-S2H-2
CRG	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
CRG	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
CRG	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
CRG	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
CRG	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
CRG	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
CRG	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
CRG	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
CRG	Index 1	SM-I1D3-S2H-2	SM-I1D3-S2H-2
MSI	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1

MSI	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
MSI	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
MSI	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
MSI	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
MSI	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2
MSI	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
MSI	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
MSI	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
MSI	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
MSI	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
MSI	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
MSI	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
MSI	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2
MSI	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
MSI	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
MSI	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
MSI	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
MSI	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
MSI	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
MSI	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2
MSI	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
MSI	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
MSI	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
UGA	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1 TDN
UGA	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1 TDN
UGA	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1 TDN
UGA	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1 TDN
UGA	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2 TDN
UGA	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1 TDN
UGA	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1 TDN
UGA	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1 TDN
UGA	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1 TDP
UGA	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1 TDP
UGA	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1 TDP
UGA	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1 TDP
UGA	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2 TDP
UGA	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1 TDP
UGA	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1 TDP
UGA	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1 TDP
UGA	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1 TN

UGA	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1 TN
UGA	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1 TN
UGA	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1 TN
UGA	Index 1	SM-I1D3-S1H-1 MS	SM-I1D3-S1H-1 MS TN
UGA	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1 TN
UGA	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1 TN
UGA	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1 TN
UGA	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1 TP
UGA	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1 TP
UGA	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1 TP
UGA	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1 TP
UGA	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2 TP
UGA	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1 TP
UGA	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1 TP
UGA	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1 TP
CRG	Index 1	SM-I1D3-ME-1	SM-I1D3-ME-1
CRG	Index 1	SM-I1D3-O1H-1	SM-I1D3-O1H-1
CRG	Index 1	SM-I1D3-O1L-1	SM-I1D3-O1L-1
CRG	Index 1	SM-I1D3-S1H-1	SM-I1D3-S1H-1
CRG	Index 1	SM-I1D3-S1L-1	SM-I1D3-S1L-1
CRG	Index 1	SM-I1D3-S2H-1	SM-I1D3-S2H-1
CRG	Index 1	SM-I1D3-S2H-2	SM-I1D3-S2H-2
CRG	Index 1	SM-I1D3-S2L-1	SM-I1D3-S2L-1
UGA	Index 1	SM-I1D3-S1H-2	SM-I1D3-S1H-2 TN
MSI	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
MSI	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
MSI	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
MSI	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
MSI	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
MSI	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
MSI	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
MSI	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
CRG	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
CRG	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
CRG	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
CRG	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
CRG	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
CRG	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
CRG	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
CRG	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1

CRG	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
CRG	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
CRG	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
CRG	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
CRG	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
CRG	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
CRG	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
CRG	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
CRG	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
MSI	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
MSI	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
MSI	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
MSI	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
MSI	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
MSI	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
MSI	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
MSI	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
MSI	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
MSI	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
MSI	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
MSI	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
MSI	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
MSI	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
MSI	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
MSI	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
MSI	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
MSI	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
MSI	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
MSI	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
MSI	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
MSI	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
MSI	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
MSI	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
UGA	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1 TDN
UGA	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1 TDN
UGA	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1 TDN
UGA	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1 TDN
UGA	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1 TDN
UGA	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2 TDN
UGA	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1 TDN

UGA	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1 TDN
UGA	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1 TDP
UGA	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1 TDP
UGA	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1 TDP
UGA	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1 TDP
UGA	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2 TDP
UGA	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1 TDP
UGA	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1 TDP
UGA	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1 TDP
UGA	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1 TN
UGA	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1 TN
UGA	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1 TN
UGA	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1 TN
UGA	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2 TN
UGA	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1 TN
UGA	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1 TN
UGA	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1 TN
UGA	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1 TP
UGA	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1 TP
UGA	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1 TP
UGA	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1 TP
UGA	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2 TP
UGA	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1 TP
UGA	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1 TP
UGA	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1 TP
CRG	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
CRG	Index 1	SM-I1D4-ME-1	SM-I1D4-ME-1
CRG	Index 1	SM-I1D4-O1H-1	SM-I1D4-O1H-1
CRG	Index 1	SM-I1D4-O1L-1	SM-I1D4-O1L-1
CRG	Index 1	SM-I1D4-S1H-1	SM-I1D4-S1H-1
CRG	Index 1	SM-I1D4-S1H-2	SM-I1D4-S1H-2
CRG	Index 1	SM-I1D4-S1L-1	SM-I1D4-S1L-1
CRG	Index 1	SM-I1D4-S2H-1	SM-I1D4-S2H-1
CRG	Index 1	SM-I1D4-S2L-1	SM-I1D4-S2L-1
MSI	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
MSI	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
MSI	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
MSI	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
MSI	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
MSI	Index 1	SM-I1D5-S1L-MS	SM-I1D5-S1L-MS

MSI	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
MSI	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1
MSI	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
MSI	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
MSI	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
MSI	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
MSI	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
MSI	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
MSI	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1
MSI	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
MSI	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
MSI	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
MSI	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
MSI	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
MSI	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS
MSI	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1
MSI	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
MSI	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
MSI	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
MSI	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
MSI	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
MSI	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
MSI	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
MSI	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
MSI	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
MSI	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
MSI	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
CRG	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
CRG	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
CRG	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
CRG	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
CRG	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
CRG	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1
CRG	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
CRG	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1
CRG	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
CRG	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
CRG	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
CRG	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
CRG	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1

CRG	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
CRG	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
CRG	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1
CRG	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
CRG	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
CRG	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
CRG	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1
CRG	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
CRG	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
CRG	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
CRG	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
CRG	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
CRG	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
CRG	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1
CRG	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
CRG	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
CRG	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
CRG	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
CRG	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
CRG	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L
CRG	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1
CRG	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
CRG	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
CRG	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
CRG	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
CRG	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
CRG	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
CRG	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
CRG	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
CRG	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
CRG	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
CRG	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
MSI	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
MSI	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
MSI	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
MSI	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
MSI	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
MSI	Index 1	SM-I1D5-S1L-MS	SM-I1D5-S1L-MS
MSI	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
MSI	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1

MSI	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
MSI	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
MSI	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
MSI	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
MSI	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
MSI	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
MSI	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1
MSI	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
MSI	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
MSI	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
MSI	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
MSI	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
MSI	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS
MSI	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1
MSI	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
MSI	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
MSI	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
MSI	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
MSI	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
MSI	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
MSI	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
MSI	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
MSI	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
MSI	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
MSI	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
MSI	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
MSI	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
MSI	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
MSI	Index 1	SM-I1D5-S1L-MS	SM-I1D5-S1L-MS
MSI	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
MSI	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
MSI	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
MSI	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1
MSI	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
MSI	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
MSI	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
MSI	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
MSI	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
MSI	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
MSI	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1

MSI	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
MSI	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
MSI	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
MSI	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
MSI	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
MSI	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS
MSI	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1
MSI	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
MSI	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
MSI	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
MSI	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
MSI	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
MSI	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
MSI	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
MSI	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
MSI	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
MSI	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
MSI	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
MSI	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
MSI	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
MSI	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
MSI	Index 1	SM-I1D5-S1L-MS	SM-I1D5-S1L-MS
MSI	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
MSI	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
MSI	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
MSI	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1
MSI	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
MSI	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
MSI	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
MSI	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
MSI	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
MSI	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
MSI	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1
MSI	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
MSI	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
MSI	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
MSI	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
MSI	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
MSI	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS
MSI	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1

MSI	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
MSI	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
MSI	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
MSI	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
MSI	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
MSI	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
MSI	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
MSI	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
MSI	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
MSI	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
MSI	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
UGA	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1 TDN
UGA	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1 TDN
UGA	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1 TDN
UGA	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1 TDN
UGA	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2 TDN
UGA	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1 TDN
UGA	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1 TDN
UGA	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1 TDN
UGA	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2 TDN
UGA	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1 TDN
UGA	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1 TDN
UGA	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1 TDN
UGA	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1 TDN
UGA	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1 TDN
UGA	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1 TDN
UGA	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1 TDN
UGA	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1 TDN
UGA	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1 TDN
UGA	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1 TDN
UGA	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS TDN
UGA	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1 TDN
UGA	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1 TDN
UGA	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1 TDN
UGA	Index 1	SM-I1-TR4H-3	SM-I1-TR4H-3 TDN
UGA	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1 TDN
UGA	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1 TDN
UGA	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1 TDN
UGA	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1 TDN
UGA	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1 TDN

UGA	Index 1	SM-I1-TR7H-3	SM-I1-TR7H-3 TDN
UGA	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1 TDN
UGA	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1 TDN
UGA	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1 TDN
UGA	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1 TDN
UGA	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2 TDN
UGA	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1 TDP
UGA	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1 TDP
UGA	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1 TDP
UGA	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1 TDP
UGA	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2 TDP
UGA	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1 TDP
UGA	Index 1	SM-I1D5-S1L-1-MS/MSD	SM-I1D5-S1L-1-MS/MSD TDP
UGA	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1 TDP
UGA	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1 TDP
UGA	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1 TDP
UGA	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2 TDP
UGA	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1 TDP
UGA	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1 TDP
UGA	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1 TDP
UGA	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1 TDP
UGA	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1 TDP
UGA	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1 TDP
UGA	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1 TDP
UGA	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1 TDP
UGA	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1 TDP
UGA	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1 TDP
UGA	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS TDP
UGA	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1 TDP
UGA	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1 TDP
UGA	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1 TDP
UGA	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1 TDP
UGA	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1 TDP
UGA	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1 TDP
UGA	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1 TDP
UGA	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1 TDP
UGA	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1 TDP
UGA	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1 TDP
UGA	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1 TDP
UGA	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1 TDP

UGA	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2 TDP
UGA	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1 TN
UGA	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1 TN
UGA	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1 TN
UGA	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1 TN
UGA	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2 TN
UGA	Index 1	SM-I1D5-S1H-3	SM-I1D5-S1H-3 TN
UGA	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1 TN
UGA	Index 1	SM-I1D5-S1L-1-MS/MSD	SM-I1D5-S1L-1-MS/MSD TN
UGA	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1 TN
UGA	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1 TN
UGA	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1 TN
UGA	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2 TN
UGA	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1 TN
UGA	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1 TN
UGA	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1 TN
UGA	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1 TN
UGA	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1 TN
UGA	Index 1	SM-I1-TR11L-MS	SM-I1-TR11L-MS TN
UGA	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1 TN
UGA	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1 TN
UGA	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1 TN
UGA	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1 TN
UGA	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1 TN
UGA	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS TN
UGA	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1 TN
UGA	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1 TN
UGA	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1 TN
UGA	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1 TN
UGA	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1 TN
UGA	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1 TN
UGA	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1 TN
UGA	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1 TN
UGA	Index 1	SM-I1-TR8H-1 MS	SM-I1-TR8H-1 MS TN
UGA	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1 TN
UGA	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1 TN
UGA	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1 TN
UGA	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2 TN
UGA	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1 TP
UGA	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1 TP

UGA	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1 TP
UGA	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1 TP
UGA	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2 TP
UGA	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1 TP
UGA	Index 1	SM-I1D5-S1L-1-MS/MSD	SM-I1D5-S1L-1-MS/MSD TP
UGA	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1 TP
UGA	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1 TP
UGA	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1 TP
UGA	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2 TP
UGA	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1 TP
UGA	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1 TP
UGA	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1 TP
UGA	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1 TP
UGA	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1 TP
UGA	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1 TP
UGA	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1 TP
UGA	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1 TP
UGA	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1 TP
UGA	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1 TP
UGA	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L-MS TP
UGA	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1 TP
UGA	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1 TP
UGA	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1 TP
UGA	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1 TP
UGA	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1 TP
UGA	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1 TP
UGA	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1 TP
UGA	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1 TP
UGA	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1 TP
UGA	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2 TP
UGA	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1 TP
CRG	Index 1	SM-I1D5-ME-1	SM-I1D5-ME-1
CRG	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
CRG	Index 1	SM-I1D5-O1H-1	SM-I1D5-O1H-1
CRG	Index 1	SM-I1D5-O1L-1	SM-I1D5-O1L-1
CRG	Index 1	SM-I1D5-S1L-1	SM-I1D5-S1L-1
CRG	Index 1	SM-I1D5-S1H-1	SM-I1D5-S1H-1
CRG	Index 1	SM-I1D5-S1H-2	SM-I1D5-S1H-2
CRG	Index 1	SM-I1D5-S2H-1	SM-I1D5-S2H-1
CRG	Index 1	SM-I1D5-S2L-1	SM-I1D5-S2L-1

CRG	Index 1	SM-I1-TR1L-1	SM-I1-TR1L-1
CRG	Index 1	SM-I1-TR1H-1	SM-I1-TR1H-1
CRG	Index 1	SM-I1-TR1H-2	SM-I1-TR1H-2
CRG	Index 1	SM-I1-TR10H-1	SM-I1-TR10H-1
CRG	Index 1	SM-I1-TR10L-1	SM-I1-TR10L-1
CRG	Index 1	SM-I1-TR11H-1	SM-I1-TR11H-1
CRG	Index 1	SM-I1-TR11L-1	SM-I1-TR11L-1
CRG	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
CRG	Index 1	SM-I1-TR12H-1	SM-I1-TR12H-1
CRG	Index 1	SM-I1-TR12L-1	SM-I1-TR12L-1
CRG	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
CRG	Index 1	SM-I1-TR2H-1	SM-I1-TR2H-1
CRG	Index 1	SM-I1-TR2L-1	SM-I1-TR2L-1
CRG	Index 1	SM-I1-TR3H-1	SM-I1-TR3H-1
CRG	Index 1	SM-I1-TR3L-MS	SM-I1-TR3L
CRG	Index 1	SM-I1-TR4H-1	SM-I1-TR4H-1
CRG	Index 1	SM-I1-TR4L-1	SM-I1-TR4L-1
CRG	Index 1	SM-I1-TR5H-1	SM-I1-TR5H-1
CRG	Index 1	SM-I1-TR5L-1	SM-I1-TR5L-1
CRG	Index 1	SM-I1-TR6H-1	SM-I1-TR6H-1
CRG	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
CRG	Index 1	SM-I1-TR6L-1	SM-I1-TR6L-1
CRG	Index 1	SM-I1-TR7H-1	SM-I1-TR7H-1
CRG	Index 1	SM-I1-TR8H-1	SM-I1-TR8H-1
CRG	Index 1	SM-I1-TR8L-1	SM-I1-TR8L-1
CRG	Index 1	SM-I1-TR9H-1	SM-I1-TR9H-1
CRG	Index 1	SM-I1-TR9L-1	SM-I1-TR9L-1
CRG	Index 1	SM-I1-TR9L-2	SM-I1-TR9L-2
MSI	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
MSI	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1
MSI	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
MSI	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
MSI	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
MSI	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS
MSI	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
MSI	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
MSI	Index 1	SM-I1-SD-1	SM-I1-SD-1
MSI	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
CRG	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
CRG	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1

CRG	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
CRG	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
CRG	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
CRG	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L
CRG	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
CRG	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
CRG	Index 1	SM-I1-SD-1	SM-I1-SD-1
CRG	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
CRG	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1
CRG	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
CRG	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
CRG	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
CRG	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L
CRG	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L
CRG	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
CRG	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
CRG	Index 1	SM-I1-SD-1	SM-I1-SD-1
CRG	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
MSI	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
MSI	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1
MSI	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
MSI	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
MSI	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
MSI	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS
MSI	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
MSI	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
MSI	Index 1	SM-I1-SD-1	SM-I1-SD-1
MSI	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
MSI	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
MSI	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1
MSI	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
MSI	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS
MSI	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
MSI	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
MSI	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
MSI	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
MSI	Index 1	SM-I1-SD-1	SM-I1-SD-1
MSI	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
MSI	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
MSI	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1

MSI	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
MSI	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS
MSI	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
MSI	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
MSI	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
MSI	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
MSI	Index 1	SM-I1-SD-1	SM-I1-SD-1
MSI	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
UGA	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1 TDN
UGA	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1 TDN
UGA	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1 TDN
UGA	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1 TDN
UGA	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2 TDN
UGA	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS/MSD TDN
UGA	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1 TDN
UGA	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1 TDN
UGA	Index 1	SM-I1-SD-1	SM-I1-SD-1 TDN
UGA	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1 TDP
UGA	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1 TDP
UGA	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1 TDP
UGA	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1 TDP
UGA	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2 TDP
UGA	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS/MSD
UGA	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1 TDP
UGA	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1 TDP
UGA	Index 1	SM-I1-SD-1	SM-I1-SD-1 TDP
UGA	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1 TN
UGA	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1 TN
UGA	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1 TN
UGA	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1 TN
UGA	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2 TN
UGA	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS/MSD TN
UGA	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1 TN
UGA	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1 TN
UGA	Index 1	SM-I1-SD-1	SM-I1-SD-1 TN
UGA	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1 TP
UGA	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1 TP
UGA	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1 TP
UGA	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1 TP
UGA	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2 TP

UGA	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L-MS/MSD TP
UGA	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1 TP
UGA	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1 TP
UGA	Index 1	SM-I1-SD-1	SM-I1-SD-1 TP
UGA	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1 TP
CRG	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
CRG	Index 1	SM-I1D6-ME-1	SM-I1D6-ME-1
CRG	Index 1	SM-I1D6-O1H-1	SM-I1D6-O1H-1
CRG	Index 1	SM-I1D6-O1L-1	SM-I1D6-O1L-1
CRG	Index 1	SM-I1D6-S1H-1	SM-I1D6-S1H-1
CRG	Index 1	SM-I1D6-S1H-2	SM-I1D6-S1H-2
CRG	Index 1	SM-I1D6-S1L-MS	SM-I1D6-S1L
CRG	Index 1	SM-I1D6-S2H-1	SM-I1D6-S2H-1
CRG	Index 1	SM-I1D6-S2L-1	SM-I1D6-S2L-1
CRG	Index 1	SM-I1-SD-1	SM-I1-SD-1
CRG	Index 1	SM-I1-TR7L-1	SM-I1-TR7L-1
MSI	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
MSI	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
MSI	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
MSI	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
MSI	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
MSI	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
MSI	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
MSI	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
CRG	Index 2	SMI2D1-ME-1	SM-I2D1-ME-1
CRG	Index 2	SMI2D1-O1H-1	SM-I2D1-O1H-1
CRG	Index 2	SMI2D1-O1L-1	SM-I2D1-O1L-1
CRG	Index 2	SMI2D1-S1H-1	SM-I2D1-S1H-1
CRG	Index 2	SMI2D1-S1L-1	SM-I2D1-S1L-1
CRG	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
CRG	Index 2	SMI2D1-S2H-1	SM-I2D1-S2H-1
CRG	Index 2	SMI2D1-S2H-1	SM-I2D1-S2H-1
CRG	Index 2	SMI2D1-S2L-1	SM-I2D1-S2L-1
CRG	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
CRG	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
CRG	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
CRG	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
CRG	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
CRG	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
CRG	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1

CRG	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
CRG	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
MSI	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
MSI	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
MSI	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
MSI	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
MSI	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
MSI	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
MSI	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
MSI	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
MSI	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
MSI	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
MSI	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
MSI	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
MSI	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
MSI	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
MSI	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
MSI	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
MSI	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
MSI	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
MSI	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
MSI	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
MSI	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
MSI	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
MSI	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
MSI	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
UGA	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1 TDN
UGA	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1 TDN
UGA	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1 TDN
UGA	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1 TDN
UGA	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1 TDN
UGA	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2 TDN
UGA	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1 TDN
UGA	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1 TDP
UGA	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1 TDP
UGA	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1 TDP
UGA	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1 TDP
UGA	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1 TDP
UGA	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2 TDP
UGA	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1 TDP

UGA	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1 TN
UGA	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1 TN
UGA	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1 TN
UGA	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1 TN
UGA	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2 TN
UGA	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1 TN
UGA	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1 TN
UGA	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1 TN
UGA	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1 TP
UGA	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1 TP
UGA	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1 TP
UGA	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1 TP
UGA	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1 TP
UGA	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2 TP
UGA	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1 TP
CRG	Index 2	SM-I2D1-ME-1	SM-I2D1-ME-1
CRG	Index 2	SM-I2D1-O1H-1	SM-I2D1-O1H-1
CRG	Index 2	SM-I2D1-O1L-1	SM-I2D1-O1L-1
CRG	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
CRG	Index 2	SM-I2D1-S1H-1	SM-I2D1-S1H-1
CRG	Index 2	SM-I2D1-S1L-1	SM-I2D1-S1L-1
CRG	Index 2	SM-I2D1-S1L-2	SM-I2D1-S1L-2
CRG	Index 2	SM-I2D1-S2H-1	SM-I2D1-S2H-1
CRG	Index 2	SM-I2D1-S2L-1	SM-I2D1-S2L-1
MSI	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
MSI	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
MSI	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
MSI	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
MSI	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
MSI	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
MSI	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
MSI	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
CRG	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
CRG	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
CRG	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
CRG	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
CRG	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1

CRG	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
CRG	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
CRG	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
CRG	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
CRG	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
CRG	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
CRG	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
CRG	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
CRG	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
MSI	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
MSI	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
MSI	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
MSI	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
MSI	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
MSI	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
MSI	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
MSI	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
MSI	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
MSI	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
MSI	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
MSI	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
MSI	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
MSI	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
MSI	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
MSI	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
MSI	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
MSI	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
MSI	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
MSI	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
MSI	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
MSI	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
MSI	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
MSI	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
UGA	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1 TDN
UGA	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1 TDN
UGA	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1 TDN
UGA	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1 TDN

UGA	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1 TDN
UGA	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2 TDN
UGA	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1 TDN
UGA	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1 TDN
UGA	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1 TDP
UGA	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1 TDP
UGA	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1 TDP
UGA	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1 TDP
UGA	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1 TDP
UGA	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2 TDP
UGA	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1 TDP
UGA	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1 TDP
UGA	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1 TN
UGA	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1 TN
UGA	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1 TN
UGA	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1 TN
UGA	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2 TN
UGA	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1 TN
UGA	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1 TN
UGA	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1 TN
UGA	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1 TP
UGA	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1 TP
UGA	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1 TP
UGA	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1 TP
UGA	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1 TP
UGA	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2 TP
UGA	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1 TP
UGA	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1 TP
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-ME-1	SM-I2D2-ME-1
CRG	Index 2	SM-I2D2-O1H-1	SM-I2D2-O1H-1
CRG	Index 2	SM-I2D2-O1L-1	SM-I2D2-O1L-1
CRG	Index 2	SM-I2D2-S1H-1	SM-I2D2-S1H-1
CRG	Index 2	SM-I2D2-S1H-2	SM-I2D2-S1H-2
CRG	Index 2	SM-I2D2-S1L-1	SM-I2D2-S1L-1
CRG	Index 2	SM-I2D2-S2H-1	SM-I2D2-S2H-1
CRG	Index 2	SM-I2D2-S2L-1	SM-I2D2-S2L-1
MSI	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1
MSI	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
MSI	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1

MSI	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
MSI	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
MSI	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
MSI	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
MSI	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
CRG	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
CRG	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
CRG	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
CRG	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
CRG	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
CRG	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
CRG	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
CRG	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
CRG	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
CRG	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
CRG	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
CRG	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
CRG	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
CRG	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
MSI	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1
MSI	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
MSI	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
MSI	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
MSI	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
MSI	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
MSI	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
MSI	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
MSI	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1
MSI	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
MSI	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
MSI	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
MSI	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
MSI	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
MSI	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
MSI	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
MSI	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1
MSI	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
MSI	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
MSI	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
MSI	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2

MSI	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1
MSI	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
MSI	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
UGA	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1 TDN
UGA	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1 TDN
UGA	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1 TDN
UGA	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1 TDN
UGA	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1 TDN
UGA	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2 TDN
UGA	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1 TDN
UGA	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1 TDN
UGA	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1 TDP
UGA	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1 TDP
UGA	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1 TDP
UGA	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1 TDP
UGA	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2 TDP
UGA	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1 TDP
UGA	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1 TDP
UGA	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1 TDP
UGA	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1 TN
UGA	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1 TN
UGA	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1 TN
UGA	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1 TN
UGA	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2 TN
UGA	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1 TN
UGA	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1 TN
UGA	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1 TN
UGA	Index 2	SM-I2D3-ME-1	SM-I2D3-ME-1 TP
UGA	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1 TP
UGA	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1 TP
UGA	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1 TP
UGA	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2 TP
UGA	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1 TP
UGA	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1 TP
UGA	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1 TP
CRG	Index 2	SM-I2D3-O1H-1	SM-I2D3-O1H-1
CRG	Index 2	SM-I2D3-O1L-1	SM-I2D3-O1L-1
CRG	Index 2	SM-I2D3-S1H-1	SM-I2D3-S1H-1
CRG	Index 2	SM-I2D3-S1H-2	SM-I2D3-S1H-2
CRG	Index 2	SM-I2D3-S1L-1	SM-I2D3-S1L-1

CRG	Index 2	SM-I2D3-S2H-1	SM-I2D3-S2H-1
CRG	Index 2	SM-I2D3-S2L-1	SM-I2D3-S2L-1
MSI	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
MSI	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1
MSI	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
MSI	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
MSI	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
MSI	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
MSI	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
MSI	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
MSI	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
MSI	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
MSI	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
MSI	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
MSI	Index 2	SM-I2-TR3L-2	SM-I2-TR3L-2
MSI	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
MSI	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
MSI	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
MSI	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1
MSI	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
MSI	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
MSI	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD
MSI	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
MSI	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1
MSI	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2
MSI	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
MSI	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
MSI	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
MSI	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
CRG	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
CRG	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
CRG	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
CRG	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
CRG	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
CRG	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
CRG	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
CRG	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
CRG	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
CRG	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
CRG	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1

CRG	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
CRG	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
CRG	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
CRG	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
CRG	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
CRG	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
CRG	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
CRG	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
CRG	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
CRG	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
CRG	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2
CRG	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
CRG	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
CRG	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
CRG	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
CRG	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1
CRG	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
CRG	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
CRG	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
CRG	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
CRG	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
CRG	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
CRG	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
MSI	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
MSI	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1
MSI	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
MSI	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
MSI	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
MSI	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
MSI	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
MSI	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
MSI	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
MSI	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
MSI	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
MSI	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
MSI	Index 2	SM-I2-TR3L-2	SM-I2-TR3L-2
MSI	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
MSI	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
MSI	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
MSI	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1

MSI	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
MSI	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
MSI	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD
MSI	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
MSI	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1
MSI	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2
MSI	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
MSI	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
MSI	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
MSI	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
MSI	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
MSI	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1
MSI	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
MSI	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
MSI	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
MSI	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
MSI	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
MSI	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
MSI	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
MSI	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
MSI	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
MSI	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
MSI	Index 2	SM-I2-TR3L-2	SM-I2-TR3L-2
MSI	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
MSI	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
MSI	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
MSI	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1
MSI	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
MSI	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
MSI	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD
MSI	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
MSI	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1
MSI	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2
MSI	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
MSI	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
MSI	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
MSI	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
MSI	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
MSI	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1
MSI	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1

MSI	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
MSI	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
MSI	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
MSI	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
MSI	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
MSI	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
MSI	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
MSI	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
MSI	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
MSI	Index 2	SM-I2-TR3L-2	SM-I2-TR3L-2
MSI	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
MSI	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
MSI	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
MSI	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1
MSI	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
MSI	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
MSI	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD
MSI	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
MSI	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1
MSI	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2
MSI	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
MSI	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
MSI	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
MSI	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
UGA	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1 TDN
UGA	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1 TDN
UGA	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1 TDN
UGA	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1 TDN
UGA	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1 TDN
UGA	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1 TDN
UGA	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1 TDN
UGA	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1 TDN
UGA	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1 TDN
UGA	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1 TDN
UGA	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2 TDN
UGA	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1 TDN
UGA	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1 TDN
UGA	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1 TDN
UGA	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1 TDN
UGA	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1 TDN

UGA	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1 TDN
UGA	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1 TDN
UGA	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD TDN
UGA	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1 TDN
UGA	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1 TDN
UGA	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1 TDN
UGA	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2 TDN
UGA	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1 TDN
UGA	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1 TDN
UGA	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1 TDN
UGA	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1 TDN
UGA	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1 TDP
UGA	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1 TDP
UGA	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1 TDP
UGA	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1 TDP
UGA	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1 TDP
UGA	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1 TDP
UGA	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1 TDP
UGA	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1 TDP
UGA	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1 TDP
UGA	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1 TDP
UGA	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1 TDP
UGA	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2 TDP
UGA	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1 TDP
UGA	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1 TDP
UGA	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1 TDP
UGA	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1 TDP
UGA	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1 TDP
UGA	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1 TDP
UGA	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1 TDP
UGA	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD TDP
UGA	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1 TDP
UGA	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1 TDP
UGA	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2 TDP
UGA	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1 TDP
UGA	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1 TDP
UGA	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1 TDP
UGA	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1 TDP
UGA	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1 TN
UGA	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1 TN

UGA	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1 TN
UGA	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1 TN
UGA	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1 TN
UGA	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1 TN
UGA	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1 TN
UGA	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1 TN
UGA	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1 TN
UGA	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1 TN
UGA	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1 TN
UGA	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1 TN
UGA	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2 TN
UGA	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1 TN
UGA	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1 TN
UGA	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1 TN
UGA	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1 TN
UGA	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1 TN
UGA	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1 TN
UGA	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD TN
UGA	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1 TN
UGA	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1 TN
UGA	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2 TN
UGA	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1 TN
UGA	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1 TN
UGA	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1 TN
UGA	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1 TN
UGA	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1 TP
UGA	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1 TP
UGA	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1 TP
UGA	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1 TP
UGA	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1 TP
UGA	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1 TP
UGA	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1 TP
UGA	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1 TP
UGA	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1 TP
UGA	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1 TP
UGA	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1 TP
UGA	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2 TP
UGA	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1 TP
UGA	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1 TP
UGA	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1 TP

UGA	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1 TP
UGA	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1 TP
UGA	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1 TP
UGA	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1 TP
UGA	Index 2	SM-I2-TR6L-MS/MSD	SM-I2-TR6L-MS/MSD TP
UGA	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1 TP
UGA	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1 TP
UGA	Index 2	SM-I2-TR7L-2	SM-I2-TR7L-2 TP
UGA	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1 TP
UGA	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1 TP
UGA	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1 TP
UGA	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1 TP
CRG	Index 2	SM-I2-TR1H-1	SM-I2-TR1H-1
CRG	Index 2	SM-I2-TR1L-1	SM-I2-TR1L-1
CRG	Index 2	SM-I2-TR10H-1	SM-I2-TR10H-1
CRG	Index 2	SM-I2-TR10L-1	SM-I2-TR10L-1
CRG	Index 2	SM-I2-TR11H-1	SM-I2-TR11H-1
CRG	Index 2	SM-I2-TR11L-1	SM-I2-TR11L-1
CRG	Index 2	SM-I2-TR12H-1	SM-I2-TR12H-1
CRG	Index 2	SM-I2-TR12L-1	SM-I2-TR12L-1
CRG	Index 2	SM-I2-TR2H-1	SM-I2-TR2H-1
CRG	Index 2	SM-I2-TR2L-1	SM-I2-TR2L-1
CRG	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
CRG	Index 2	SM-I2-TR3L-1	SM-I2-TR3L-1
CRG	Index 2	SM-I2-TR3H-1	SM-I2-TR3H-1
CRG	Index 2	SM-I2-TR3H-2	SM-I2-TR3H-2
CRG	Index 2	SM-I2-TR4H-1	SM-I2-TR4H-1
CRG	Index 2	SM-I2-TR4L-1	SM-I2-TR4L-1
CRG	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
CRG	Index 2	SM-I2-TR5H-1	SM-I2-TR5H-1
CRG	Index 2	SM-I2-TR5L-1	SM-I2-TR5L-1
CRG	Index 2	SM-I2-TR6H-1	SM-I2-TR6H-1
CRG	Index 2	SM-I2-TR6L-1	SM-I2-TR6L-1
CRG	Index 2	SM-I2-TR7H-1	SM-I2-TR7H-1
CRG	Index 2	SM-I2-TR7L-1	SM-I2-TR7L-1
CRG	Index 2	SM-I2-TR8H-1	SM-I2-TR8H-1
CRG	Index 2	SM-I2-TR8L-1	SM-I2-TR8L-1
CRG	Index 2	SM-I2-TR9H-1	SM-I2-TR9H-1
CRG	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1
CRG	Index 2	SM-I2-TR9L-1	SM-I2-TR9L-1

MSI	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
MSI	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
MSI	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
MSI	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
MSI	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
MSI	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
MSI	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
MSI	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
CRG	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
CRG	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
CRG	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
CRG	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
CRG	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
CRG	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
CRG	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
CRG	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
CRG	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
CRG	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
CRG	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
CRG	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
CRG	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
CRG	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
CRG	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
CRG	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
CRG	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
MSI	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
MSI	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
MSI	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
MSI	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
MSI	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
MSI	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
MSI	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
MSI	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
MSI	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
MSI	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
MSI	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
MSI	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
MSI	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
MSI	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
MSI	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1

MSI	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
MSI	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
MSI	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
MSI	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
MSI	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
MSI	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
MSI	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
MSI	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
MSI	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
UGA	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD TDN
UGA	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1 TDN
UGA	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1 TDN
UGA	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1 TDN
UGA	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1 TDN
UGA	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2 TDN
UGA	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1 TDN
UGA	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1 TDN
UGA	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD TDP
UGA	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1 TDP
UGA	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1 TDP
UGA	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1 TDP
UGA	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2 TDP
UGA	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1 TDP
UGA	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1 TDP
UGA	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1 TDP
UGA	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD TN
UGA	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1 TN
UGA	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1 TN
UGA	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1 TN
UGA	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2 TN
UGA	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1 TN
UGA	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1 TN
UGA	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1 TN
UGA	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD TP
UGA	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1 TP
UGA	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1 TP
UGA	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1 TP
UGA	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2 TP
UGA	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1 TP
UGA	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1 TP

UGA	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1 TP
CRG	Index 2	SM-I2D4-ME-MS/MSD	SM-I2D4-ME-MS/MSD
CRG	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
CRG	Index 2	SM-I2D4-O1H-1	SM-I2D4-O1H-1
CRG	Index 2	SM-I2D4-O1L-1	SM-I2D4-O1L-1
CRG	Index 2	SM-I2D4-S1H-1	SM-I2D4-S1H-1
CRG	Index 2	SM-I2D4-S1H-2	SM-I2D4-S1H-2
CRG	Index 2	SM-I2D4-S1L-1	SM-I2D4-S1L-1
CRG	Index 2	SM-I2D4-S2H-1	SM-I2D4-S2H-1
CRG	Index 2	SM-I2D4-S2L-1	SM-I2D4-S2L-1
MSI	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
MSI	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
MSI	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
MSI	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
MSI	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
MSI	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
MSI	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
MSI	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
CRG	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
CRG	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
CRG	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
CRG	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
CRG	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
CRG	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
CRG	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
CRG	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
CRG	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
CRG	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
CRG	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
CRG	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
CRG	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
CRG	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
CRG	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
CRG	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
CRG	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
MSI	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
MSI	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
MSI	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
MSI	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
MSI	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2

MSI	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
MSI	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
MSI	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
MSI	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
MSI	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
MSI	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
MSI	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
MSI	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
MSI	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
MSI	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
MSI	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
MSI	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
MSI	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
MSI	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
MSI	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
MSI	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
MSI	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
MSI	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
MSI	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
UGA	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD TDN
UGA	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1 TDN
UGA	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1 TDN
UGA	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1 TDN
UGA	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1 TDN
UGA	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2 TDN
UGA	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1 TDN
UGA	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1 TDN
UGA	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD TDP
UGA	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1 TDP
UGA	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1 TDP
UGA	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1 TDP
UGA	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2 TDP
UGA	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1 TDP
UGA	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1 TDP
UGA	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1 TDP
UGA	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD TN
UGA	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1 TN
UGA	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1 TN
UGA	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1 TN
UGA	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1 TN

UGA	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2 TN
UGA	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1 TN
UGA	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1 TN
UGA	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD TP
UGA	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1 TP
UGA	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1 TP
UGA	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1 TP
UGA	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1 TP
UGA	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2 TP
UGA	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1 TP
UGA	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1 TP
CRG	Index 2	SM-I2D5-ME-MS/MSD	SM-I2D5-ME-MS/MSD
CRG	Index 2	SM-I2D5-O1H-1	SM-I2D5-O1H-1
CRG	Index 2	SM-I2D5-O1L-1	SM-I2D5-O1L-1
CRG	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
CRG	Index 2	SM-I2D5-S1H-1	SM-I2D5-S1H-1
CRG	Index 2	SM-I2D5-S1H-2	SM-I2D5-S1H-2
CRG	Index 2	SM-I2D5-S1L-1	SM-I2D5-S1L-1
CRG	Index 2	SM-I2D5-S2H-1	SM-I2D5-S2H-1
CRG	Index 2	SM-I2D5-S2L-1	SM-I2D5-S2L-1
MSI	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
MSI	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
MSI	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
MSI	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
MSI	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
MSI	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
MSI	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
MSI	Index 2	SM-I2-SD-1	SM-I2-SD-1
CRG	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
CRG	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
CRG	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
CRG	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
CRG	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
CRG	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
CRG	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
CRG	Index 2	SM-I2-SD-1	SM-I2-SD-1
CRG	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
CRG	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
CRG	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
CRG	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1

CRG	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
CRG	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
CRG	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
CRG	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
CRG	Index 2	SM-I2-SD-1	SM-I2-SD-1
MSI	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
MSI	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
MSI	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
MSI	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
MSI	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
MSI	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
MSI	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
MSI	Index 2	SM-I2-SD-1	SM-I2-SD-1
MSI	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
MSI	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
MSI	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
MSI	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
MSI	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
MSI	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
MSI	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
MSI	Index 2	SM-I2-SD-1	SM-I2-SD-1
MSI	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
MSI	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
MSI	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
MSI	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
MSI	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
MSI	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
MSI	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
MSI	Index 2	SM-I2-SD-1	SM-I2-SD-1
UGA	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1 TDN
UGA	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1 TDN
UGA	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1 TDN
UGA	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1 TDN
UGA	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1 TDN
UGA	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1 TDN
UGA	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1 TDN
UGA	Index 2	SM-I2-SD-1	SM-I2-SD-1 TDN
UGA	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1 TDP
UGA	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
UGA	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1 TDP

UGA	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1 TDP
UGA	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1 TDP
UGA	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1 TDP
UGA	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1 TDP
UGA	Index 2	SM-I2-SD-1	SM-I2-SD-1 TDP
UGA	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1 TN
UGA	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1 TN
UGA	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1 TN
UGA	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1 TN
UGA	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1 TN
UGA	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1 TN
UGA	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1 TN
UGA	Index 2	SM-I2-SD-1	SM-I2-SD-1 TN
UGA	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1 TP
UGA	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1 TP
UGA	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1 TP
UGA	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1 TP
UGA	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1 TP
UGA	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1 TP
UGA	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1 TP
UGA	Index 2	SM-I2-SD-1	SM-I2-SD-1 TP
CRG	Index 2	SM-I2D6-ME-1	SM-I2D6-ME-1
CRG	Index 2	SM-I2D6-O1H-1	SM-I2D6-O1H-1
CRG	Index 2	SM-I2D6-O1L-1	SM-I2D6-O1L-1
CRG	Index 2	SM-I2D6-S1H-1	SM-I2D6-S1H-1
CRG	Index 2	SM-I2D6-S1L-1	SM-I2D6-S1L-1
CRG	Index 2	SM-I2D6-S2H-1	SM-I2D6-S2H-1
CRG	Index 2	SM-I2D6-S2L-1	SM-I2D6-S2L-1
CRG	Index 2	SM-I2-SD-1	SM-I2-SD-1
MSI	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1
MSI	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1
MSI	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1
MSI	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1
MSI	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2
MSI	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1
MSI	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1
MSI	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1
CRG	Index3	SM-I3D1-O1H-1	71252-R1
CRG	Index3	SM-I3D1-O1L-1	71255-R1
CRG	Index3	SM-I3D1-S1H-1	71250-R1

CRG	Index3	SM-I3D1-S1H-2	71256-R1
CRG	Index3	SM-I3D1-S1L-1	71253-R1
CRG	Index3	SM-I3D1-S2H-1	71251-R1
CRG	Index3	SM-I3D1-S2L-1	71254-R1
CRG	Index3	SM-I3D1-O1H-1	71252-R1
CRG	Index3	SM-I3D1-O1L-1	71255-R1
CRG	Index3	SM-I3D1-S1H-1	71250-R1
CRG	Index3	SM-I3D1-S1H-1	71250-R2
CRG	Index3	SM-I3D1-S1H-2	71256-R1
CRG	Index3	SM-I3D1-S1L-1	71253-R1
CRG	Index3	SM-I3D1-S2H-1	71251-R1
CRG	Index3	SM-I3D1-S2L-1	71254-R1
MSI	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1
MSI	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1
MSI	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1
MSI	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1
MSI	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2
MSI	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1
MSI	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1
MSI	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1
MSI	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1
MSI	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1
MSI	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1
MSI	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1
MSI	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2
MSI	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1
MSI	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1
MSI	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1
MSI	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1
MSI	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1
MSI	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1
MSI	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1
MSI	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2
MSI	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1
MSI	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1
MSI	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1
UGA	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1 TDN
UGA	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1 TDN
UGA	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1 TDN
UGA	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1 TDN

UGA	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2 TDN
UGA	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1 TDN
UGA	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1 TDN
UGA	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1 TDN
UGA	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1 TDP
UGA	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1 TDP
UGA	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1 TDP
UGA	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1 TDP
UGA	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2 TDP
UGA	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1 TDP
UGA	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1 TDP
UGA	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1 TDP
UGA	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1 TN
UGA	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1 TN
UGA	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1 TN
UGA	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1 TN
UGA	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2 TN
UGA	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1 TN
UGA	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1 TN
UGA	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1 TN
UGA	Index3	SM-I3D1-ME-1	SM-I3D1-ME-1 TP
UGA	Index3	SM-I3D1-O1H-1	SM-I3D1-O1H-1 TP
UGA	Index3	SM-I3D1-O1L-1	SM-I3D1-O1L-1 TP
UGA	Index3	SM-I3D1-S1H-1	SM-I3D1-S1H-1 TP
UGA	Index3	SM-I3D1-S1H-2	SM-I3D1-S1H-2 TP
UGA	Index3	SM-I3D1-S1L-1	SM-I3D1-S1L-1 TP
UGA	Index3	SM-I3D1-S2H-1	SM-I3D1-S2H-1 TP
UGA	Index3	SM-I3D1-S2L-1	SM-I3D1-S2L-1 TP
CRG	Index3	SM-I3D1-O1H-1	71252-R1
CRG	Index3	SM-I3D1-O1L-1	71255-R1
CRG	Index3	SM-I3D1-S1H-1	71250-R1
CRG	Index3	SM-I3D1-S1H-2	71256-R2
CRG	Index3	SM-I3D1-S1H-2	71256-R1
CRG	Index3	SM-I3D1-S1L-1	71253-R1
CRG	Index3	SM-I3D1-S2H-1	71251-R1
CRG	Index3	SM-I3D1-S2L-1	71254-R1
MSI	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1
MSI	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1
MSI	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1
MSI	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2

MSI	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1
MSI	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1
MSI	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1
CRG	Index3	SM-I3D2-O1H-1	71367-R1
CRG	Index3	SM-I3D2-O1L-1	71370-R1
CRG	Index3	SM-I3D2-S1H-1	71365-R1
CRG	Index3	SM-I3D2-S1H-2	71371-R1
CRG	Index3	SM-I3D2-S1L-1	71368-R1
CRG	Index3	SM-I3D2-S2H-1	71366-R1
CRG	Index3	SM-I3D2-S2L-1	71369-R1
CRG	Index3	SM-I3D2-O1H-1	71367-R1
CRG	Index3	SM-I3D2-O1L-1	71370-R1
CRG	Index3	SM-I3D2-S1H-1	71365-R1
CRG	Index3	SM-I3D2-S1H-2	71371-R1
CRG	Index3	SM-I3D2-S1L-1	71368-R1
CRG	Index3	SM-I3D2-S2H-1	71366-R1
CRG	Index3	SM-I3D2-S2L-1	71369-R2
CRG	Index3	SM-I3D2-S2L-1	71369-R1
MSI	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1
MSI	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1
MSI	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1
MSI	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2
MSI	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1
MSI	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1
MSI	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1
MSI	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1
MSI	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1
MSI	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1
MSI	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2
MSI	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1
MSI	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1
MSI	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1
MSI	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1
MSI	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1
MSI	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1
MSI	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2
MSI	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1
MSI	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1
MSI	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1
MSI	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1
MSI	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1
MSI	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1
MSI	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2
MSI	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1
MSI	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1
MSI	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1
UGA	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1 TDN

UGA	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1 TDN
UGA	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1 TDN
UGA	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2 TDN
UGA	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1 TDN
UGA	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1 TDN
UGA	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1 TDN
UGA	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1 TDP
UGA	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1 TDP
UGA	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1 TDP
UGA	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2 TDP
UGA	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1 TDP
UGA	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1 TDP
UGA	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1 TDP
UGA	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1 TN
UGA	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1 TN
UGA	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1 TN
UGA	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2 TN
UGA	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1 TN
UGA	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1 TN
UGA	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1 TN
UGA	Index3	SM-I3D2-O1H-1	SM-I3D2-O1H-1 TP
UGA	Index3	SM-I3D2-O1L-1	SM-I3D2-O1L-1 TP
UGA	Index3	SM-I3D2-S1H-1	SM-I3D2-S1H-1 TP
UGA	Index3	SM-I3D2-S1H-2	SM-I3D2-S1H-2 TP
UGA	Index3	SM-I3D2-S1L-1	SM-I3D2-S1L-1 TP
UGA	Index3	SM-I3D2-S2H-1	SM-I3D2-S2H-1 TP
UGA	Index3	SM-I3D2-S2L-1	SM-I3D2-S2L-1 TP
CRG	Index3	SM-I3D2-O1H-1	71367-R1
CRG	Index3	SM-I3D2-O1L-1	71370-R1
CRG	Index3	SM-I3D2-S1H-1	71365-R1
CRG	Index3	SM-I3D2-S1H-1	71365-R2
CRG	Index3	SM-I3D2-S1H-2	71371-R1
CRG	Index3	SM-I3D2-S1L-1	71368-R1
CRG	Index3	SM-I3D2-S2H-1	71366-R1
CRG	Index3	SM-I3D2-S2L-1	71369-R1
MSI	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1
MSI	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1
MSI	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1
MSI	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2
MSI	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1

MSI	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1
MSI	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1
CRG	Index3	SM-I3D3-O1H-1	71463-R1
CRG	Index3	SM-I3D3-O1L-1	71466-R1
CRG	Index3	SM-I3D3-S1H-1	71461-R1
CRG	Index3	SM-I3D3-S1H-2	71467-R1
CRG	Index3	SM-I3D3-S1L-1	71464-R1
CRG	Index3	SM-I3D3-S2H-1	71462-R1
CRG	Index3	SM-I3D3-S2L-1	71465-R1
CRG	Index3	SM-I3D3-O1H-1	71463-R1
CRG	Index3	SM-I3D3-O1L-1	71466-R1
CRG	Index3	SM-I3D3-S1L-1	71464-R1
CRG	Index3	SM-I3D3-S1H-1	71461-R1
CRG	Index3	SM-I3D3-S1H-2	71467-R1
CRG	Index3	SM-I3D3-S2H-1	71462-R2
CRG	Index3	SM-I3D3-S2H-1	71462-R1
CRG	Index3	SM-I3D3-S2L-1	71465-R1
MSI	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1
MSI	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1
MSI	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1
MSI	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2
MSI	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1
MSI	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1
MSI	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1
MSI	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1
MSI	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1
MSI	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1
MSI	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2
MSI	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1
MSI	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1
MSI	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1
MSI	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1
MSI	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1
MSI	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1
MSI	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2
MSI	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1
MSI	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1
MSI	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1
UGA	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1 TDN
UGA	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1 TDN

UGA	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1 TDN
UGA	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2 TDN
UGA	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1 TDN
UGA	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1 TDN
UGA	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1 TDN
UGA	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1 TDP
UGA	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1 TDP
UGA	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1 TDP
UGA	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2 TDP
UGA	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1 TDP
UGA	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1 TDP
UGA	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1 TDP
UGA	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1 TN
UGA	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1 TN
UGA	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1 TN
UGA	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2 TN
UGA	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1 TN
UGA	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1 TN
UGA	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1 TN
UGA	Index3	SM-I3D3-O1H-1	SM-I3D3-O1H-1 TP
UGA	Index3	SM-I3D3-O1L-1	SM-I3D3-O1L-1 TP
UGA	Index3	SM-I3D3-S1L-1	SM-I3D3-S1L-1 TP
UGA	Index3	SM-I3D3-S1H-1	SM-I3D3-S1H-1 TP
UGA	Index3	SM-I3D3-S1H-2	SM-I3D3-S1H-2 TP
UGA	Index3	SM-I3D3-S2H-1	SM-I3D3-S2H-1 TP
UGA	Index3	SM-I3D3-S2L-1	SM-I3D3-S2L-1 TP
CRG	Index3	SM-I3D3-O1H-1	71463-R1
CRG	Index3	SM-I3D3-O1L-1	71466-R1
CRG	Index3	SM-I3D3-S1H-1	71461-R1
CRG	Index3	SM-I3D3-S1L-1	71464-R1
CRG	Index3	SM-I3D3-S1H-1	71461-R2
CRG	Index3	SM-I3D3-S1H-2	71467-R1
CRG	Index3	SM-I3D3-S2H-1	71462-R1
CRG	Index3	SM-I3D3-S2L-1	71465-R1
MSI	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1
MSI	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1
MSI	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1
MSI	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1
MSI	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1
MSI	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1

MSI	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1
MSI	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1
MSI	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1
MSI	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1
MSI	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1
MSI	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1
MSI	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1
MSI	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1
MSI	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1
MSI	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1
MSI	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2
MSI	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD
MSI	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1
MSI	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1
MSI	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1
MSI	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1
MSI	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2
MSI	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1
MSI	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1
MSI	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2
MSI	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD
CRG	Index3	SM-I3-TR11H-1	71531-R1
CRG	Index3	SM-I3-TR11L-1	71543-R1
CRG	Index3	SM-I3-TR2H-1	71522-R1
CRG	Index3	SM-I3-TR3L-1	71535-R1
CRG	Index3	SM-I3-TR6H-1	71526-R1
CRG	Index3	SM-I3-TR6H-2	71545-R1
CRG	Index3	SM-I3-TR6L-1	71538-R1
CRG	Index3	SM-I3-TR1H-1	71521-R2
CRG	Index3	SM-I3-TR1H-1	71521-R1
CRG	Index3	SM-I3-TR1L-1	71533-R1
CRG	Index3	SM-I3-TR10H-1	71530-R1
CRG	Index3	SM-I3-TR10L-1	71542-R1
CRG	Index3	SM-I3-TR11H-1	71531-R1
CRG	Index3	SM-I3-TR11L-1	71543-R1
CRG	Index3	SM-I3-TR12H-1	71532-R1
CRG	Index3	SM-I3-TR12L-1	71544-R1
CRG	Index3	SM-I3-TR2H-1	71522-R1
CRG	Index3	SM-I3-TR2L-1	71534-R1
CRG	Index3	SM-I3-TR3H-1	71523-R1

CRG	Index3	SM-I3-TR3L-1	71535-R1
CRG	Index3	SM-I3-TR4H-1	71524-R1
CRG	Index3	SM-I3-TR4L-1	71536-R1
CRG	Index3	SM-I3-TR5H-1	71525-R1
CRG	Index3	SM-I3-TR5L-1	71537-R1
CRG	Index3	SM-I3-TR6H-1	71526-R2
CRG	Index3	SM-I3-TR6H-1	71526-R1
CRG	Index3	SM-I3-TR6H-2	71545-R1
CRG	Index3	SM-I3-TR6L-1	71538-R1
CRG	Index3	SM-I3-TR7H-1	71527-R1
CRG	Index3	SM-I3-TR7L-1	71539-R1
CRG	Index3	SM-I3-TR8H-1	71528-R1
CRG	Index3	SM-I3-TR8L-1	71540-R1
CRG	Index3	SM-I3-TR8L-2	71547-R1
CRG	Index3	SM-I3-TR9L-1	71541-R1
CRG	Index3	SM-I3-TR9H-1	71529-R1
CRG	Index3	SM-I3-TR9H-2	71546-R1
MSI	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1
MSI	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1
MSI	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1
MSI	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1
MSI	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1
MSI	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1
MSI	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1
MSI	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1
MSI	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1
MSI	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1
MSI	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1
MSI	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1
MSI	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1
MSI	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1
MSI	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1
MSI	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1
MSI	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2
MSI	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD
MSI	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1
MSI	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1
MSI	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1
MSI	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1
MSI	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1

MSI	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2
MSI	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1
MSI	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2
MSI	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD
MSI	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1
MSI	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1
MSI	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1
MSI	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1
MSI	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1
MSI	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1
MSI	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1
MSI	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1
MSI	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1
MSI	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1
MSI	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1
MSI	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1
MSI	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1
MSI	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1
MSI	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1
MSI	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1
MSI	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2
MSI	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD
MSI	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1
MSI	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1
MSI	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1
MSI	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1
MSI	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1
MSI	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2
MSI	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1
MSI	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2
MSI	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD
MSI	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1
MSI	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1
MSI	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1
MSI	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1
MSI	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1
MSI	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1
MSI	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1
MSI	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1
MSI	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1

MSI	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1
MSI	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1
MSI	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1
MSI	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1
MSI	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1
MSI	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1
MSI	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1
MSI	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2
MSI	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD
MSI	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1
MSI	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1
MSI	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1
MSI	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1
MSI	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2
MSI	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1
MSI	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD
MSI	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1
MSI	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2
UGA	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1 TDN
UGA	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1 TDN
UGA	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1 TDN
UGA	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1 TDN
UGA	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1 TDN
UGA	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1 TDN
UGA	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1 TDN
UGA	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1 TDN
UGA	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1 TDN
UGA	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1 TDN
UGA	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1 TDN
UGA	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1 TDN
UGA	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1 TDN
UGA	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1 TDN
UGA	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1 TDN
UGA	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1 TDN
UGA	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1 TDN
UGA	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2 TDN
UGA	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD TDN
UGA	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1 TDN
UGA	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1 TDN
UGA	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1 TDN

UGA	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1 TDN
UGA	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2 TDN
UGA	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2 TDN
UGA	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD TDN
UGA	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1 TDN
UGA	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1 TDP
UGA	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1 TDP
UGA	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1 TDP
UGA	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1 TDP
UGA	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1 TDP
UGA	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1 TDP
UGA	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1 TDP
UGA	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1 TDP
UGA	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1 TDP
UGA	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1 TDP
UGA	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1 TDP
UGA	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1 TDP
UGA	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1 TDP
UGA	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1 TDP
UGA	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1 TDP
UGA	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1 TDP
UGA	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2 TDP
UGA	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD TDP
UGA	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1 TDP
UGA	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1 TDP
UGA	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1 TDP
UGA	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2 TDP
UGA	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1 TDP
UGA	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1 TDP
UGA	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1 TDP
UGA	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2 TDP
UGA	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD TDP
UGA	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1 TN
UGA	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1 TN
UGA	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1 TN
UGA	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1 TN
UGA	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1 TN
UGA	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1 TN
UGA	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1 TN
UGA	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1 TN

UGA	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1 TN
UGA	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1 TN
UGA	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1 TN
UGA	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1 TN
UGA	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1 TN
UGA	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1 TN
UGA	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1 TN
UGA	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1 TN
UGA	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2 TN
UGA	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD TN
UGA	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1 TN
UGA	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1 TN
UGA	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1 TN
UGA	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1 TN
UGA	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1 TN
UGA	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2 TN
UGA	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1 TN
UGA	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2 TN
UGA	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD TN
UGA	Index3	SM-I3-TR1H-1	SM-I3-TR1H-1 TP
UGA	Index3	SM-I3-TR1L-1	SM-I3-TR1L-1 TP
UGA	Index3	SM-I3-TR10H-1	SM-I3-TR10H-1 TP
UGA	Index3	SM-I3-TR10L-1	SM-I3-TR10L-1 TP
UGA	Index3	SM-I3-TR11H-1	SM-I3-TR11H-1 TP
UGA	Index3	SM-I3-TR11L-1	SM-I3-TR11L-1 TP
UGA	Index3	SM-I3-TR12H-1	SM-I3-TR12H-1 TP
UGA	Index3	SM-I3-TR12L-1	SM-I3-TR12L-1 TP
UGA	Index3	SM-I3-TR2H-1	SM-I3-TR2H-1 TP
UGA	Index3	SM-I3-TR2L-1	SM-I3-TR2L-1 TP
UGA	Index3	SM-I3-TR3H-1	SM-I3-TR3H-1 TP
UGA	Index3	SM-I3-TR3L-1	SM-I3-TR3L-1 TP
UGA	Index3	SM-I3-TR4H-1	SM-I3-TR4H-1 TP
UGA	Index3	SM-I3-TR4L-1	SM-I3-TR4L-1 TP
UGA	Index3	SM-I3-TR5H-1	SM-I3-TR5H-1 TP
UGA	Index3	SM-I3-TR5L-1	SM-I3-TR5L-1 TP
UGA	Index3	SM-I3-TR6H-2	SM-I3-TR6H-2 TP
UGA	Index3	SM-I3-TR6H-MS/MSD	SM-I3-TR6H-MS/MSD TP
UGA	Index3	SM-I3-TR6L-1	SM-I3-TR6L-1 TP
UGA	Index3	SM-I3-TR7H-1	SM-I3-TR7H-1 TP
UGA	Index3	SM-I3-TR7L-1	SM-I3-TR7L-1 TP

UGA	Index3	SM-I3-TR8H-1	SM-I3-TR8H-1 TP
UGA	Index3	SM-I3-TR8L-1	SM-I3-TR8L-1 TP
UGA	Index3	SM-I3-TR8L-2	SM-I3-TR8L-2 TP
UGA	Index3	SM-I3-TR9H-1	SM-I3-TR9H-1 TP
UGA	Index3	SM-I3-TR9H-2	SM-I3-TR9H-2 TP
UGA	Index3	SM-I3-TR9L-MS/MSD	SM-I3-TR9L-MS/MSD TP
CRG	Index3	SM-I3-TR1H-1	71521-R2
CRG	Index3	SM-I3-TR1H-1	71521-R1
CRG	Index3	SM-I3-TR1L-1	71533-R1
CRG	Index3	SM-I3-TR10H-1	71530-R1
CRG	Index3	SM-I3-TR10L-1	71542-R1
CRG	Index3	SM-I3-TR11H-1	71531-R2
CRG	Index3	SM-I3-TR11H-1	71531-R1
CRG	Index3	SM-I3-TR11L-1	71543-R1
CRG	Index3	SM-I3-TR12H-1	71532-R1
CRG	Index3	SM-I3-TR12L-1	71544-R1
CRG	Index3	SM-I3-TR2H-1	71522-R1
CRG	Index3	SM-I3-TR2L-1	71534-R1
CRG	Index3	SM-I3-TR3H-1	71523-R1
CRG	Index3	SM-I3-TR3L-1	71535-R1
CRG	Index3	SM-I3-TR4H-1	71524-R1
CRG	Index3	SM-I3-TR4L-1	71536-R1
CRG	Index3	SM-I3-TR5H-1	71525-R1
CRG	Index3	SM-I3-TR5L-1	71537-R1
CRG	Index3	SM-I3-TR6H-1	71526-R1
CRG	Index3	SM-I3-TR6H-2	71545-R1
CRG	Index3	SM-I3-TR6L-1	71538-R1
CRG	Index3	SM-I3-TR7H-1	71527-R1
CRG	Index3	SM-I3-TR7L-1	71539-R1
CRG	Index3	SM-I3-TR8H-1	71528-R1
CRG	Index3	SM-I3-TR8L-1	71540-R1
CRG	Index3	SM-I3-TR8L-2	71547-R2
CRG	Index3	SM-I3-TR8L-2	71547-R1
CRG	Index3	SM-I3-TR9H-1	71529-R1
CRG	Index3	SM-I3-TR9H-2	71546-R1
CRG	Index3	SM-I3-TR9L-1	71541-R1
MSI	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1
MSI	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1
MSI	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1
MSI	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1

MSI	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1
MSI	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1
MSI	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1
MSI	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1
CRG	Index3	SM-I3D4-FB-1	71715-R1
CRG	Index3	SM-I3D4-ME-1	71714-R1
CRG	Index3	SM-I3D4-O1H-1	71710-R1
CRG	Index3	SM-I3D4-O1L-1	71713-R1
CRG	Index3	SM-I3D4-S1H-1	71708-R1
CRG	Index3	SM-I3D4-S1L-1	71711-R1
CRG	Index3	SM-I3D4-S2H-1	71709-R1
CRG	Index3	SM-I3D4-S2L-1	71712-R1
CRG	Index3	SM-I3D4-FB-1	71715-R1
CRG	Index3	SM-I3D4-ME-1	71714-R1
CRG	Index3	SM-I3D4-O1H-1	71710-R1
CRG	Index3	SM-I3D4-O1L-1	71713-R1
CRG	Index3	SM-I3D4-S1H-1	71708-R2
CRG	Index3	SM-I3D4-S1H-1	71708-R1
CRG	Index3	SM-I3D4-S1L-1	71711-R1
CRG	Index3	SM-I3D4-S2H-1	71709-R1
CRG	Index3	SM-I3D4-S2L-1	71712-R1
MSI	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1
MSI	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1
MSI	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1
MSI	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1
MSI	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1
MSI	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1
MSI	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1
MSI	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1
MSI	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1
MSI	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1
MSI	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1
MSI	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1
MSI	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1
MSI	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1
MSI	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1
MSI	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1
MSI	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1
MSI	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1
MSI	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1

MSI	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1
MSI	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1
MSI	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1
MSI	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1
MSI	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1
UGA	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1 TDN
UGA	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1 TDN
UGA	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1 TDN
UGA	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1 TDN
UGA	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1 TDN
UGA	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1 TDN
UGA	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1 TDN
UGA	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1 TDN
UGA	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1 TDP
UGA	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1 TDP
UGA	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1 TDP
UGA	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1 TDP
UGA	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1 TDP
UGA	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1 TDP
UGA	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1 TDP
UGA	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1 TDP
UGA	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1 TN
UGA	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1 TN
UGA	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1 TN
UGA	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1 TN
UGA	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1 TN
UGA	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1 TN
UGA	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1 TN
UGA	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1 TN
UGA	Index3	SM-I3D4-FB-1	SM-I3D4-FB-1 TP
UGA	Index3	SM-I3D4-ME-1	SM-I3D4-ME-1 TP
UGA	Index3	SM-I3D4-O1H-1	SM-I3D4-O1H-1 TP
UGA	Index3	SM-I3D4-O1L-1	SM-I3D4-O1L-1 TP
UGA	Index3	SM-I3D4-S1H-1	SM-I3D4-S1H-1 TP
UGA	Index3	SM-I3D4-S1L-1	SM-I3D4-S1L-1 TP
UGA	Index3	SM-I3D4-S2H-1	SM-I3D4-S2H-1 TP
UGA	Index3	SM-I3D4-S2L-1	SM-I3D4-S2L-1 TP
CRG	Index3	SM-I3D4-FB-1	71715-R1
CRG	Index3	SM-I3D4-ME-1	71714-R1
CRG	Index3	SM-I3D4-O1H-1	71710-R1

CRG	Index3	SM-I3D4-O1L-1	71713-R1
CRG	Index3	SM-I3D4-S1H-1	71708-R2
CRG	Index3	SM-I3D4-S1H-1	71708-R1
CRG	Index3	SM-I3D4-S1L-1	71711-R1
CRG	Index3	SM-I3D4-S2H-1	71709-R1
CRG	Index3	SM-I3D4-S2L-1	71712-R1
MSI	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1
MSI	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1
MSI	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1
MSI	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1
MSI	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1
MSI	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1
MSI	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2
MSI	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1
MSI	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD
CRG	Index3	SM-I3D5-FB-1	71776-R1
CRG	Index3	SM-I3D5-ME-1	71775-R1
CRG	Index3	SM-I3D5-O1H-1	71770-R1
CRG	Index3	SM-I3D5-O1L-1	71773-R1
CRG	Index3	SM-I3D5-S1H-1	71768-R1
CRG	Index3	SM-I3D5-S1L-1	71771-R1
CRG	Index3	SM-I3D5-S1L-2	71774-R1
CRG	Index3	SM-I3D5-S2H-1	71769-R1
CRG	Index3	SM-I3D5-S2L-1	71772-R1
CRG	Index3	SM-I3D5-FB-1	71776-R1
CRG	Index3	SM-I3D5-ME-1	71775-R1
CRG	Index3	SM-I3D5-O1H-1	71770-R1
CRG	Index3	SM-I3D5-O1L-1	71773-R1
CRG	Index3	SM-I3D5-S1H-1	71768-R1
CRG	Index3	SM-I3D5-S1H-1	71768-R2
CRG	Index3	SM-I3D5-S1L-1	71771-R1
CRG	Index3	SM-I3D5-S1L-2	71774-R1
CRG	Index3	SM-I3D5-S2H-1	71769-R1
CRG	Index3	SM-I3D5-S2L-1	71772-R1
MSI	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1
MSI	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1
MSI	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1
MSI	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1
MSI	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1
MSI	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1

MSI	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2
MSI	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1
MSI	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD
MSI	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1
MSI	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1
MSI	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1
MSI	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1
MSI	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1
MSI	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1
MSI	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2
MSI	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1
MSI	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD
MSI	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1
MSI	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1
MSI	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1
MSI	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1
MSI	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1
MSI	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1
MSI	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2
MSI	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1
MSI	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD
UGA	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1 TDN
UGA	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1 TDN
UGA	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1 TDN
UGA	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1 TDN
UGA	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1 TDN
UGA	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1 TDN
UGA	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2 TDN
UGA	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1 TDN
UGA	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD TDN
UGA	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1 TDP
UGA	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1 TDP
UGA	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1 TDP
UGA	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1 TDP
UGA	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1 TDP
UGA	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1 TDP
UGA	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2 TDP
UGA	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1 TDP
UGA	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD TDP
UGA	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1 TN

UGA	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1 TN
UGA	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1 TN
UGA	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1 TN
UGA	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1 TN
UGA	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1 TN
UGA	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2 TN
UGA	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1 TN
UGA	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD TN
UGA	Index3	SM-I3D5-FB-1	SM-I3D5-FB-1 TP
UGA	Index3	SM-I3D5-ME-1	SM-I3D5-ME-1 TP
UGA	Index3	SM-I3D5-O1H-1	SM-I3D5-O1H-1 TP
UGA	Index3	SM-I3D5-O1L-1	SM-I3D5-O1L-1 TP
UGA	Index3	SM-I3D5-S1H-1	SM-I3D5-S1H-1 TP
UGA	Index3	SM-I3D5-S1L-1	SM-I3D5-S1L-1 TP
UGA	Index3	SM-I3D5-S1L-2	SM-I3D5-S1L-2 TP
UGA	Index3	SM-I3D5-S2H-1	SM-I3D5-S2H-1 TP
UGA	Index3	SM-I3D5-S2L MS/MSD	SM-I3D5-S2L MS/MSD TP
CRG	Index3	SM-I3D5-FB-1	71776-R1
CRG	Index3	SM-I3D5-ME-1	71775-R1
CRG	Index3	SM-I3D5-O1H-1	71770-R1
CRG	Index3	SM-I3D5-O1L-1	71773-R1
CRG	Index3	SM-I3D5-S1H-1	71768-R1
CRG	Index3	SM-I3D5-S1H-1	71768-R2
CRG	Index3	SM-I3D5-S1L-1	71771-R1
CRG	Index3	SM-I3D5-S1L-2	71774-R1
CRG	Index3	SM-I3D5-S2H-1	71769-R1
CRG	Index3	SM-I3D5-S2L-1	71772-R1
MSI	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1
MSI	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD
MSI	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1
MSI	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1
MSI	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1
MSI	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1
MSI	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1
MSI	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1
CRG	Index3	SM-I3D6-FB-1	71867-R1
CRG	Index3	SM-I3D6-ME-1	71866-R1
CRG	Index3	SM-I3D6-O1H-1	71862-R1
CRG	Index3	SM-I3D6-O1L-1	71865-R1
CRG	Index3	SM-I3D6-S1H-1	71860-R1

CRG	Index3	SM-I3D6-S1L-1	71863-R1
CRG	Index3	SM-I3D6-S2H-1	71861-R1
CRG	Index3	SM-I3D6-S2L-1	71864-R1
CRG	Index3	SM-I3D6-FB-1	71867-R1
CRG	Index3	SM-I3D6-ME-1	71866-R1
CRG	Index3	SM-I3D6-O1H-1	71862-R1
CRG	Index3	SM-I3D6-O1L-1	71865-R1
CRG	Index3	SM-I3D6-S1H-1	71860-R2
CRG	Index3	SM-I3D6-S1H-1	71860-R1
CRG	Index3	SM-I3D6-S1L-1	71863-R1
CRG	Index3	SM-I3D6-S2H-1	71861-R1
CRG	Index3	SM-I3D6-S2L-1	71864-R1
MSI	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1
MSI	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD
MSI	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1
MSI	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1
MSI	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1
MSI	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1
MSI	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1
MSI	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1
MSI	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1
MSI	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD
MSI	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1
MSI	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1
MSI	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1
MSI	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1
MSI	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1
MSI	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1
MSI	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1
MSI	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD
MSI	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1
MSI	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1
MSI	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1
MSI	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1
MSI	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1
MSI	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1
UGA	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1 TDN
UGA	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD TDN
UGA	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1 TDN
UGA	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1 TDN

UGA	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1 TDN
UGA	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1 TDN
UGA	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1 TDN
UGA	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1 TDN
UGA	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1 TDP
UGA	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD TDP
UGA	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1 TDP
UGA	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1 TDP
UGA	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1 TDP
UGA	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1 TDP
UGA	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1 TDP
UGA	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1 TDP
UGA	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1 TN
UGA	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD TN
UGA	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1 TN
UGA	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1 TN
UGA	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1 TN
UGA	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1 TN
UGA	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1 TN
UGA	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1 TN
UGA	Index3	SM-I3D6-FB-1	SM-I3D6-FB-1 TP
UGA	Index3	SM-I3D6-ME MS/MSD	SM-I3D6-ME MS/MSD TP
UGA	Index3	SM-I3D6-O1H-1	SM-I3D6-O1H-1 TP
UGA	Index3	SM-I3D6-O1L-1	SM-I3D6-O1L-1 TP
UGA	Index3	SM-I3D6-S1H-1	SM-I3D6-S1H-1 TP
UGA	Index3	SM-I3D6-S1L-1	SM-I3D6-S1L-1 TP
UGA	Index3	SM-I3D6-S2H-1	SM-I3D6-S2H-1 TP
UGA	Index3	SM-I3D6-S2L-1	SM-I3D6-S2L-1 TP
CRG	Index3	SM-I3D6-FB-1	71867-R1
CRG	Index3	SM-I3D6-ME-1	71866-R1
CRG	Index3	SM-I3D6-O1H-1	71862-R1
CRG	Index3	SM-I3D6-O1L-1	71865-R1
CRG	Index3	SM-I3D6-S1H-1	71860-R1
CRG	Index3	SM-I3D6-S1H-1	71860-R2
CRG	Index3	SM-I3D6-S1L-1	71863-R1
CRG	Index3	SM-I3D6-S2H-1	71861-R1
CRG	Index3	SM-I3D6-S2L-1	71864-R1
MSI	Index 4	SM-14D1-FB-1	SM-14D1-FB-1
MSI	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1
MSI	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1

MSI	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1
MSI	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1
MSI	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2
MSI	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1
MSI	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1
CRG	Index 4	SM-I4D1-FB-1	74642-R1
CRG	Index 4	SM-I4D1-O1H-1	74637-R1
CRG	Index 4	SM-I4D1-O1L-1	74640-R1
CRG	Index 4	SM-I4D1-S1H-1	74635-R1
CRG	Index 4	SM-I4D1-S1H-2	74641-R1
CRG	Index 4	SM-I4D1-S1L-1	74638-R1
CRG	Index 4	SM-I4D1-S2H-1	74636-R1
CRG	Index 4	SM-I4D1-S2L-1	74639-R1
CRG	Index 4	SM-I4D1-FB-1	74642-R1
CRG	Index 4	SM-I4D1-O1H-1	74637-R1
CRG	Index 4	SM-I4D1-O1L-1	74640-R1
CRG	Index 4	SM-I4D1-S1H-1	74635-R2
CRG	Index 4	SM-I4D1-S1H-1	74635-R1
CRG	Index 4	SM-I4D1-S1H-2	74641-R1
CRG	Index 4	SM-I4D1-S1L-1	74638-R1
CRG	Index 4	SM-I4D1-S2H-1	74636-R1
CRG	Index 4	SM-I4D1-S2L-1	74639-R1
MSI	Index 4	SM-14D1-FB-1	SM-14D1-FB-1
MSI	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1
MSI	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1
MSI	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1
MSI	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2
MSI	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1
MSI	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1
MSI	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1
MSI	Index 4	SM-14D1-FB-1	SM-14D1-FB-1
MSI	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1
MSI	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1
MSI	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1
MSI	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2
MSI	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1
MSI	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1
MSI	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1
MSI	Index 4	SM-14D1-FB-1	SM-14D1-FB-1
MSI	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1

MSI	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1
MSI	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1
MSI	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2
MSI	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1
MSI	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1
MSI	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1
UGA	Index 4	SM-14D1-FB-1	SM-14D1-FB-1 TDN
UGA	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1 TDN
UGA	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1 TDN
UGA	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2 TDN
UGA	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1 TDN
UGA	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1 TDN
UGA	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1 TDN
UGA	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1 TDN
UGA	Index 4	SM-14D1-FB-1	SM-14D1-FB-1 TDP
UGA	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1 TDP
UGA	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1 TDP
UGA	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1 TDP
UGA	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2 TDP
UGA	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1 TDP
UGA	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1 TDP
UGA	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1 TDP
UGA	Index 4	SM-14D1-FB-1	SM-14D1-FB-1 TN
UGA	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1 TN
UGA	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1 TN
UGA	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1 TN
UGA	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2 TN
UGA	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1 TN
UGA	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1 TN
UGA	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1 TN
UGA	Index 4	SM-14D1-FB-1	SM-14D1-FB-1 TP
UGA	Index 4	SM-I4D1-O1H-1	SM-I4D1-O1H-1 TP
UGA	Index 4	SM-I4D1-O1L-1	SM-I4D1-O1L-1 TP
UGA	Index 4	SM-I4D1-S1H-1	SM-I4D1-S1H-1 TP
UGA	Index 4	SM-I4D1-S1H-2	SM-I4D1-S1H-2 TP
UGA	Index 4	SM-I4D1-S1L-1	SM-I4D1-S1L-1 TP
UGA	Index 4	SM-I4D1-S2H-1	SM-I4D1-S2H-1 TP
UGA	Index 4	SM-I4D1-S2L-1	SM-I4D1-S2L-1 TP
CRG	Index 4	SM-I4D1-FB-1	74642-R1
CRG	Index 4	SM-I4D1-O1H-1	74637-R1

CRG	Index 4	SM-I4D1-O1L-1	74640-R1
CRG	Index 4	SM-I4D1-S1H-1	74635-R1
CRG	Index 4	SM-I4D1-S1H-2	74641-R1
CRG	Index 4	SM-I4D1-S1L-1	74638-R2
CRG	Index 4	SM-I4D1-S1L-1	74638-R1
CRG	Index 4	SM-I4D1-S2H-1	74636-R1
CRG	Index 4	SM-I4D1-S2L-1	74639-R1
MSI	Index 4	SM-14D2-FB-1	SM-14D2-FB-1
MSI	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1
MSI	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1
MSI	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1
MSI	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2
MSI	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1
MSI	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1
MSI	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1
CRG	Index 4	SM-I4D2-FB-1	74781-R1
CRG	Index 4	SM-I4D2-O1H-1	74776-R1
CRG	Index 4	SM-I4D2-O1L-1	74779-R1
CRG	Index 4	SM-I4D2-S1H-1	74774-R1
CRG	Index 4	SM-I4D2-S1H-2	74780-R1
CRG	Index 4	SM-I4D2-S1L-1	74777-R1
CRG	Index 4	SM-I4D2-S2H-1	74775-R1
CRG	Index 4	SM-I4D2-S2L-1	74778-R1
CRG	Index 4	SM-I4D2-FB-1	74781-R1
CRG	Index 4	SM-I4D2-O1H-1	74776-R1
CRG	Index 4	SM-I4D2-O1L-1	74779-R1
CRG	Index 4	SM-I4D2-S1H-1	74774-R2
CRG	Index 4	SM-I4D2-S1H-1	74774-R1
CRG	Index 4	SM-I4D2-S1H-2	74780-R1
CRG	Index 4	SM-I4D2-S1L-1	74777-R1
CRG	Index 4	SM-I4D2-S2H-1	74775-R1
CRG	Index 4	SM-I4D2-S2L-1	74778-R1
MSI	Index 4	SM-14D2-FB-1	SM-14D2-FB-1
MSI	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1
MSI	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1
MSI	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1
MSI	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2
MSI	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1
MSI	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1
MSI	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1

MSI	Index 4	SM-14D2-FB-1	SM-14D2-FB-1
MSI	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1
MSI	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1
MSI	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1
MSI	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2
MSI	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1
MSI	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1
MSI	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1
MSI	Index 4	SM-14D2-FB-1	SM-14D2-FB-1
MSI	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1
MSI	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1
MSI	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1
MSI	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2
MSI	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1
MSI	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1
MSI	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1
UGA	Index 4	SM-14D2-FB-1	SM-14D2-FB-1 TDN
UGA	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1 TDN
UGA	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1 TDN
UGA	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1 TDN
UGA	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2 TDN
UGA	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1 TDN
UGA	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1 TDN
UGA	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1 TDN
UGA	Index 4	SM-14D2-FB-1	SM-14D2-FB-1 TDP
UGA	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1 TDP
UGA	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1 TDP
UGA	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1 TDP
UGA	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2 TDP
UGA	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1 TDP
UGA	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1 TDP
UGA	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1 TDP
UGA	Index 4	SM-14D2-FB-1	SM-14D2-FB-1 TN
UGA	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1 TN
UGA	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1 TN
UGA	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1 TN
UGA	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2 TN
UGA	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1 TN
UGA	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1 TN
UGA	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1 TN

UGA	Index 4	SM-14D2-FB-1	SM-14D2-FB-1 TP
UGA	Index 4	SM-I4D2-O1H-1	SM-I4D2-O1H-1 TP
UGA	Index 4	SM-I4D2-O1L-1	SM-I4D2-O1L-1 TP
UGA	Index 4	SM-I4D2-S1H-1	SM-I4D2-S1H-1 TP
UGA	Index 4	SM-I4D2-S1H-2	SM-I4D2-S1H-2 TP
UGA	Index 4	SM-I4D2-S1L-1	SM-I4D2-S1L-1 TP
UGA	Index 4	SM-I4D2-S2H-1	SM-I4D2-S2H-1 TP
UGA	Index 4	SM-I4D2-S2L-1	SM-I4D2-S2L-1 TP
CRG	Index 4	SM-I4D2-FB-1	74781-R1
CRG	Index 4	SM-I4D2-O1H-1	74776-R1
CRG	Index 4	SM-I4D2-O1L-1	74779-R1
CRG	Index 4	SM-I4D2-S1H-1	74774-R1
CRG	Index 4	SM-I4D2-S1H-1	74774-R2
CRG	Index 4	SM-I4D2-S1H-2	74780-R1
CRG	Index 4	SM-I4D2-S1L-1	74777-R1
CRG	Index 4	SM-I4D2-S2H-1	74775-R1
CRG	Index 4	SM-I4D2-S2L-1	74778-R1
MSI	Index 4	SM-14D3-FB-1	SM-14D3-FB-1
MSI	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1
MSI	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1
MSI	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1
MSI	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1
MSI	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2
MSI	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1
MSI	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1
MSI	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1
MSI	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1
MSI	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1
MSI	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1
MSI	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1
MSI	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1
MSI	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1
MSI	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1
MSI	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1
MSI	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1
MSI	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1
MSI	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1
MSI	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1
MSI	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1
MSI	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1

MSI	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1
MSI	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2
MSI	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD
MSI	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1
MSI	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1
MSI	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1
MSI	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1
MSI	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1
MSI	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2
MSI	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1
MSI	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-MSMSD
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-MSMSD
CRG	Index 4	SM-I4D3-FB-1	74825-R1
CRG	Index 4	SM-I4D3-O1H-1	3
CRG	Index 4	SM-I4D3-O1L-1	6
CRG	Index 4	SM-I4D3-S1H-1	1
CRG	Index 4	SM-I4D3-S1H-1	1
CRG	Index 4	SM-I4D3-S1L-1	4
CRG	Index 4	SM-I4D3-S1L-2	7
CRG	Index 4	SM-I4D3-S2H-1	2
CRG	Index 4	SM-I4D3-S2L-1	5
CRG	Index 4	SM-I4-TR11H-1	11
CRG	Index 4	SM-I4-TR11L-1	14
CRG	Index 4	SM-I4-TR2H-1	9
CRG	Index 4	SM-I4-TR3L-1	12
CRG	Index 4	SM-I4-TR6H-2	15
CRG	Index 4	SM-I4-TR6H-MSMSD	10
CRG	Index 4	SM-I4-TR6L-1	13
CRG	Index 4	SM-I4D3-FB-1	74825-R1
CRG	Index 4	SM-I4D3-O1H-1	74820-R1
CRG	Index 4	SM-I4D3-O1L-1	74823-R1
CRG	Index 4	SM-I4D3-S1H-1	74818-R2
CRG	Index 4	SM-I4D3-S1H-1	74818-R1
CRG	Index 4	SM-I4D3-S1L-1	74821-R1
CRG	Index 4	SM-I4D3-S1L-2	74824-R1
CRG	Index 4	SM-I4D3-S2H-1	74819-R1
CRG	Index 4	SM-I4D3-S2L-1	74822-R1
CRG	Index 4	SM-I4-TR1H-1	74826-R1

CRG	Index 4	SM-I4-TR1L-1	74838-R2
CRG	Index 4	SM-I4-TR1L-1	74838-R1
CRG	Index 4	SM-I4-TR10H-1	74835-R1
CRG	Index 4	SM-I4-TR10L-1	74847-R1
CRG	Index 4	SM-I4-TR11H-1	74836-R1
CRG	Index 4	SM-I4-TR11L-1	74848-R1
CRG	Index 4	SM-I4-TR12H-1	74837-R1
CRG	Index 4	SM-I4-TR12L-1	74849-R1
CRG	Index 4	SM-I4-TR2H-1	74827-R1
CRG	Index 4	SM-I4-TR2L-1	74839-R1
CRG	Index 4	SM-I4-TR3H-1	74828-R1
CRG	Index 4	SM-I4-TR3L-1	74840-R1
CRG	Index 4	SM-I4-TR4H-1	74829-R1
CRG	Index 4	SM-I4-TR4L-1	74841-R1
CRG	Index 4	SM-I4-TR5H-1	74830-R1
CRG	Index 4	SM-I4-TR5L-1	74842-R1
CRG	Index 4	SM-I4-TR6H-MSMSD	74831-R1
CRG	Index 4	SM-I4-TR6H-2	74852-R1
CRG	Index 4	SM-I4-TR6L-1	74843-R1
CRG	Index 4	SM-I4-TR7H-1	74832-R1
CRG	Index 4	SM-I4-TR7L-1	74844-R1
CRG	Index 4	SM-I4-TR8H-1	74833-R1
CRG	Index 4	SM-I4-TR8L-1	74845-R1
CRG	Index 4	SM-I4-TR8L-2	74851-R1
CRG	Index 4	SM-I4-TR9H-1	74834-R1
CRG	Index 4	SM-I4-TR9H-2	74850-R1
CRG	Index 4	SM-I4-TR9L-MSMSD	74846-R1
MSI	Index 4	SM-14D3-FB-1	SM-14D3-FB-1
MSI	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1
MSI	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1
MSI	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1
MSI	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1
MSI	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2
MSI	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1
MSI	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1
MSI	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1
MSI	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1
MSI	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1
MSI	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1
MSI	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1

MSI	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1
MSI	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1
MSI	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1
MSI	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1
MSI	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1
MSI	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1
MSI	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1
MSI	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1
MSI	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1
MSI	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1
MSI	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1
MSI	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2
MSI	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD
MSI	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1
MSI	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1
MSI	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1
MSI	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1
MSI	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1
MSI	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2
MSI	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1
MSI	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-MSMSD
MSI	Index 4	SM-14D3-FB-1	SM-14D3-FB-1
MSI	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1
MSI	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1
MSI	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1
MSI	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1
MSI	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2
MSI	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1
MSI	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1
MSI	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1
MSI	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1
MSI	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1
MSI	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1
MSI	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1
MSI	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1
MSI	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1
MSI	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1
MSI	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1

MSI	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1
MSI	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1
MSI	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1
MSI	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1
MSI	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1
MSI	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1
MSI	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1
MSI	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2
MSI	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD
MSI	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1
MSI	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1
MSI	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1
MSI	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1
MSI	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1
MSI	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2
MSI	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1
MSI	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1
MSI	Index 4	SM-14D3-FB-1	SM-14D3-FB-1
MSI	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1
MSI	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1
MSI	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1
MSI	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1
MSI	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2
MSI	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1
MSI	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1
MSI	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1
MSI	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1
MSI	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1
MSI	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1
MSI	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1
MSI	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1
MSI	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1
MSI	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1
MSI	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1
MSI	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1
MSI	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1
MSI	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1
MSI	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1
MSI	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1

MSI	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1
MSI	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1
MSI	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2
MSI	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD
MSI	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1
MSI	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1
MSI	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1
MSI	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1
MSI	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1
MSI	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2
MSI	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1
MSI	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-MSMSD
MSI	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1
UGA	Index 4	SM-14D3-FB-1	SM-14D3-FB-1 TDN
UGA	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1 TDN
UGA	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1 TDN
UGA	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1 TDN
UGA	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1 TDN
UGA	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2 TDN
UGA	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1 TDN
UGA	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1 TDN
UGA	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1 TDN
UGA	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1 TDN
UGA	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1 TDN
UGA	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1 TDN
UGA	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1 TDN
UGA	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1 TDN
UGA	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1 TDN
UGA	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1 TDN
UGA	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1 TDN
UGA	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1 TDN
UGA	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1 TDN
UGA	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1 TDN
UGA	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1 TDN
UGA	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1 TDN
UGA	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1 TDN
UGA	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1 TDN
UGA	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1 TDN
UGA	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2 TDN

UGA	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD TDN
UGA	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1 TDN
UGA	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1 TDN
UGA	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1 TDN
UGA	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2 TDN
UGA	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1 TDN
UGA	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2 TDN
UGA	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1 TDN
UGA	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1 TDN
UGA	Index 4	SM-14D3-FB-1	SM-14D3-FB-1 TDP
UGA	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1 TDP
UGA	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1 TDP
UGA	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1 TDP
UGA	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1 TDP
UGA	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2 TDP
UGA	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1 TDP
UGA	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1 TDP
UGA	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1 TDP
UGA	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1 TDP
UGA	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1 TDP
UGA	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1 TDP
UGA	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1 TDP
UGA	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1 TDP
UGA	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1 TDP
UGA	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1 TDP
UGA	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1 TDP
UGA	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1 TDP
UGA	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1 TDP
UGA	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1 TDP
UGA	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1 TDP
UGA	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1 TDP
UGA	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1 TDP
UGA	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1 TDP
UGA	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2 TDP
UGA	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD TDP
UGA	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1 TDP
UGA	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1 TDP
UGA	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1 TDP
UGA	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1 TDP
UGA	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1 TDP

UGA	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2 TDP
UGA	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1 TDP
UGA	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2 TDP
UGA	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1 TDP
UGA	Index 4	SM-14D3-FB-1	SM-14D3-FB-1 TN
UGA	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1 TN
UGA	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1 TN
UGA	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1 TN
UGA	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1 TN
UGA	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2 TN
UGA	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1 TN
UGA	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1 TN
UGA	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1 TN
UGA	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1 TN
UGA	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1 TN
UGA	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1 TN
UGA	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1 TN
UGA	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1 TN
UGA	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1 TN
UGA	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1 TN
UGA	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1 TN
UGA	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1 TN
UGA	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1 TN
UGA	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1 TN
UGA	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1 TN
UGA	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1 TN
UGA	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1 TN
UGA	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1 TN
UGA	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2 TN
UGA	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD TN
UGA	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1 TN
UGA	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1 TN
UGA	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1 TN
UGA	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1 TN
UGA	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1 TN
UGA	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2 TN
UGA	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1 TN
UGA	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2 TN
UGA	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1 TN
UGA	Index 4	SM-14D3-FB-1	SM-14D3-FB-1 TP

UGA	Index 4	SM-I4D3-O1H-1	SM-I4D3-O1H-1 TP
UGA	Index 4	SM-I4D3-O1L-1	SM-I4D3-O1L-1 TP
UGA	Index 4	SM-I4D3-S1H-1	SM-I4D3-S1H-1 TP
UGA	Index 4	SM-I4D3-S1L-1	SM-I4D3-S1L-1 TP
UGA	Index 4	SM-I4D3-S1L-2	SM-I4D3-S1L-2 TP
UGA	Index 4	SM-I4D3-S2H-1	SM-I4D3-S2H-1 TP
UGA	Index 4	SM-I4D3-S2L-1	SM-I4D3-S2L-1 TP
UGA	Index 4	SM-I4-TR1H-1	SM-I4-TR1H-1 TP
UGA	Index 4	SM-I4-TR1L-1	SM-I4-TR1L-1 TP
UGA	Index 4	SM-I4-TR10H-1	SM-I4-TR10H-1 TP
UGA	Index 4	SM-I4-TR10L-1	SM-I4-TR10L-1 TP
UGA	Index 4	SM-I4-TR11H-1	SM-I4-TR11H-1 TP
UGA	Index 4	SM-I4-TR11L-1	SM-I4-TR11L-1 TP
UGA	Index 4	SM-I4-TR12H-1	SM-I4-TR12H-1 TP
UGA	Index 4	SM-I4-TR12L-1	SM-I4-TR12L-1 TP
UGA	Index 4	SM-I4-TR2H-1	SM-I4-TR2H-1 TP
UGA	Index 4	SM-I4-TR2L-1	SM-I4-TR2L-1 TP
UGA	Index 4	SM-I4-TR3H-1	SM-I4-TR3H-1 TP
UGA	Index 4	SM-I4-TR3L-1	SM-I4-TR3L-1 TP
UGA	Index 4	SM-I4-TR4H-1	SM-I4-TR4H-1 TP
UGA	Index 4	SM-I4-TR4L-1	SM-I4-TR4L-1 TP
UGA	Index 4	SM-I4-TR5H-1	SM-I4-TR5H-1 TP
UGA	Index 4	SM-I4-TR5L-1	SM-I4-TR5L-1 TP
UGA	Index 4	SM-I4-TR6H-2	SM-I4-TR6H-2 TP
UGA	Index 4	SM-I4-TR6H-MSMSD	SM-I4-TR6H-MSMSD TP
UGA	Index 4	SM-I4-TR6L-1	SM-I4-TR6L-1 TP
UGA	Index 4	SM-I4-TR7H-1	SM-I4-TR7H-1 TP
UGA	Index 4	SM-I4-TR7L-1	SM-I4-TR7L-1 TP
UGA	Index 4	SM-I4-TR8H-1	SM-I4-TR8H-1 TP
UGA	Index 4	SM-I4-TR8L-1	SM-I4-TR8L-1 TP
UGA	Index 4	SM-I4-TR8L-2	SM-I4-TR8L-2 TP
UGA	Index 4	SM-I4-TR9H-1	SM-I4-TR9H-1 TP
UGA	Index 4	SM-I4-TR9H-2	SM-I4-TR9H-2 TP
UGA	Index 4	SM-I4-TR9L-MSMSD	SM-I4-TR9L-1 TP
CRG	Index 4	SM-I4D3-FB-1	74825-R1
CRG	Index 4	SM-I4D3-O1H-1	74820-R1
CRG	Index 4	SM-I4D3-O1L-1	74823-R1
CRG	Index 4	SM-I4D3-S1H-1	74818-R1
CRG	Index 4	SM-I4D3-S1L-1	74821-R1
CRG	Index 4	SM-I4D3-S1L-2	74824-R1

CRG	Index 4	SM-I4D3-S2H-1	74819-R1
CRG	Index 4	SM-I4D3-S2L-1	74822-R1
CRG	Index 4	SM-I4-TR1H-1	74826-R1
CRG	Index 4	SM-I4-TR1L-1	74838-R1
CRG	Index 4	SM-I4-TR1L-1	74838-R2
CRG	Index 4	SM-I4-TR10H-1	74835-R1
CRG	Index 4	SM-I4-TR10L-1	74847-R1
CRG	Index 4	SM-I4-TR11H-1	74836-R1
CRG	Index 4	SM-I4-TR11L-1	74848-R1
CRG	Index 4	SM-I4-TR11L-1	74848-R2
CRG	Index 4	SM-I4-TR12H-1	74837-R1
CRG	Index 4	SM-I4-TR12L-1	74849-R1
CRG	Index 4	SM-I4-TR2H-1	74827-R1
CRG	Index 4	SM-I4-TR2L-1	74839-R1
CRG	Index 4	SM-I4-TR3H-1	74828-R1
CRG	Index 4	SM-I4-TR3H-1	74828-R2
CRG	Index 4	SM-I4-TR3L-1	74840-R1
CRG	Index 4	SM-I4-TR4H-1	74829-R1
CRG	Index 4	SM-I4-TR4L-1	74841-R1
CRG	Index 4	SM-I4-TR5H-1	74830-R1
CRG	Index 4	SM-I4-TR5L-1	74842-R1
CRG	Index 4	SM-I4-TR6H-MSMSD	74831-R1
CRG	Index 4	SM-I4-TR6L-1	74843-R1
CRG	Index 4	SM-I4-TR6H-2	74852-R1
CRG	Index 4	SM-I4-TR7H-1	74832-R1
CRG	Index 4	SM-I4-TR7L-1	74844-R1
CRG	Index 4	SM-I4-TR8H-1	74833-R1
CRG	Index 4	SM-I4-TR8L-1	74845-R1
CRG	Index 4	SM-I4-TR8L-2	74851-R1
CRG	Index 4	SM-I4-TR9H-1	74834-R1
CRG	Index 4	SM-I4-TR9L-MSMSD	74846-R1
CRG	Index 4	SM-I4-TR9H-2	74850-R1
MSI	Index 4	SM-14D4-FB-1	SM-14D4-FB-1
MSI	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1
MSI	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1
MSI	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1
MSI	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1
MSI	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2
MSI	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1
MSI	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1

CRG	Index 4	SM-I4D4-FB-1	75053-R1
CRG	Index 4	SM-I4D4-O1H-1	75048-R1
CRG	Index 4	SM-I4D4-O1L-1	75051-R1
CRG	Index 4	SM-I4D4-S1H-1	75046-R1
CRG	Index 4	SM-I4D4-S1L-1	75049-R1
CRG	Index 4	SM-I4D4-S1L-2	75052-R1
CRG	Index 4	SM-I4D4-S2H-1	75047-R1
CRG	Index 4	SM-I4D4-S2L-1	75050-R1
CRG	Index 4	SM-I4D4-FB-1	75053-R1
CRG	Index 4	SM-I4D4-O1H-1	75048-R1
CRG	Index 4	SM-I4D4-O1L-1	75051-R1
CRG	Index 4	SM-I4D4-S1H-1	75046-R2
CRG	Index 4	SM-I4D4-S1H-1	75046-R1
CRG	Index 4	SM-I4D4-S1L-1	75049-R1
CRG	Index 4	SM-I4D4-S1L-2	75052-R1
CRG	Index 4	SM-I4D4-S2H-1	75047-R1
CRG	Index 4	SM-I4D4-S2L-1	75050-R1
MSI	Index 4	SM-14D4-FB-1	SM-14D4-FB-1
MSI	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1
MSI	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1
MSI	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1
MSI	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1
MSI	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2
MSI	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1
MSI	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1
MSI	Index 4	SM-14D4-FB-1	SM-14D4-FB-1
MSI	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1
MSI	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1
MSI	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1
MSI	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1
MSI	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2
MSI	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1
MSI	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1
MSI	Index 4	SM-14D4-FB-1	SM-14D4-FB-1
MSI	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1
MSI	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1
MSI	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1
MSI	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1
MSI	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2
MSI	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1
MSI	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1
MSI	Index 4	SM-14D4-FB-1	SM-14D4-FB-1
MSI	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1
MSI	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1
MSI	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1
MSI	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1
MSI	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2
MSI	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1

MSI	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1
UGA	Index 4	SM-14D4-FB-1	SM-14D4-FB-1 TDN
UGA	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1 TDN
UGA	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1 TDN
UGA	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1 TDN
UGA	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1 TDN
UGA	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2 TDN
UGA	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1 TDN
UGA	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1 TDN
UGA	Index 4	SM-14D4-FB-1	SM-14D4-FB-1 TDP
UGA	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1 TDP
UGA	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1 TDP
UGA	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1 TDP
UGA	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1 TDP
UGA	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2 TDP
UGA	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1 TDP
UGA	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1 TDP
UGA	Index 4	SM-14D4-FB-1	SM-14D4-FB-1 TN
UGA	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1 TN
UGA	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1 TN
UGA	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1 TN
UGA	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1 TN
UGA	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2 TN
UGA	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1 TN
UGA	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1 TN
UGA	Index 4	SM-14D4-FB-1	SM-14D4-FB-1 TP
UGA	Index 4	SM-I4D4-O1H-1	SM-I4D4-O1H-1 TP
UGA	Index 4	SM-I4D4-O1L-1	SM-I4D4-O1L-1 TP
UGA	Index 4	SM-I4D4-S1H-1	SM-I4D4-S1H-1 TP
UGA	Index 4	SM-I4D4-S1L-1	SM-I4D4-S1L-1 TP
UGA	Index 4	SM-I4D4-S1L-2	SM-I4D4-S1L-2 TP
UGA	Index 4	SM-I4D4-S2H-1	SM-I4D4-S2H-1 TP
UGA	Index 4	SM-I4D4-S2L-1	SM-I4D4-S2L-1 TP
CRG	Index 4	SM-I4D4-FB-1	75053-R1
CRG	Index 4	SM-I4D4-O1H-1	75048-R1
CRG	Index 4	SM-I4D4-O1L-1	75051-R2
CRG	Index 4	SM-I4D4-O1L-1	75051-R1
CRG	Index 4	SM-I4D4-S1H-1	75046-R1
CRG	Index 4	SM-I4D4-S1L-1	75049-R1
CRG	Index 4	SM-I4D4-S1L-2	75052-R1

CRG	Index 4	SM-I4D4-S2H-1	75047-R1
CRG	Index 4	SM-I4D4-S2L-1	75050-R1
MSI	Index 4	SM-I4D5-FB-1	SM-I4D5-FB-1
MSI	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1
MSI	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1
MSI	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1
MSI	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD
MSI	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1
MSI	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1
CRG	Index 4	SM-I4D5-FB-1	75114-R1
CRG	Index 4	SM-I4D5-O1H-1	75110-R1
CRG	Index 4	SM-I4D5-O1L-1	75113-R1
CRG	Index 4	SM-I4D5-S1H-1	75108-R1
CRG	Index 4	SM-I4D5-S1L-1 MS MSD	75111-R1
CRG	Index 4	SM-I4D5-S2H-1	75109-R1
CRG	Index 4	SM-I4D5-S2L-1	75112-R1
CRG	Index 4	SM-I4D5-FB-1	75114-R1
CRG	Index 4	SM-I4D5-O1H-1	75110-R1
CRG	Index 4	SM-I4D5-O1L-1	75113-R1
CRG	Index 4	SM-I4D5-S1H-1	75108-R1
CRG	Index 4	SM-I4D5-S1H-1	75108-R2
CRG	Index 4	SM-I4D5-S1L-1 MS MSD	75111-R1
CRG	Index 4	SM-I4D5-S2H-1	75109-R1
CRG	Index 4	SM-I4D5-S2L-1	75112-R1
MSI	Index 4	SM-I4D5-FB-1	SM-I4D5-FB-1
MSI	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1
MSI	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1
MSI	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1
MSI	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD
MSI	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1
MSI	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1
MSI	Index 4	SM-I4D5-FB-1	SM-I4D5-FB-1
MSI	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1
MSI	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1
MSI	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1
MSI	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD
MSI	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1
MSI	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1
MSI	Index 4	SM-I4D5-FB-1	SM-I4D5-FB-1
MSI	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1

MSI	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1
MSI	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1
MSI	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD
MSI	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1
MSI	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1
UGA	Index 4	SM-14D5-FB-1	SM-14D5-FB-1 TDN
UGA	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1 TDN
UGA	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1 TDN
UGA	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1 TDN
UGA	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD TDN
UGA	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1 TDN
UGA	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1 TDN
UGA	Index 4	SM-14D5-FB-1	SM-14D5-FB-1 TDP
UGA	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1 TDP
UGA	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1 TDP
UGA	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1 TDP
UGA	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD TDP
UGA	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1 TDP
UGA	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1 TDP
UGA	Index 4	SM-14D5-FB-1	SM-14D5-FB-1 TN
UGA	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1 TN
UGA	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1 TN
UGA	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1 TN
UGA	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD TN
UGA	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1 TN
UGA	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1 TN
UGA	Index 4	SM-14D5-FB-1	SM-14D5-FB-1 TP
UGA	Index 4	SM-I4D5-O1H-1	SM-I4D5-O1H-1 TP
UGA	Index 4	SM-I4D5-O1L-1	SM-I4D5-O1L-1 TP
UGA	Index 4	SM-I4D5-S1H-1	SM-I4D5-S1H-1 TP
UGA	Index 4	SM-I4D5-S1L-MSMSD	SM-I4D5-S1L-MSMSD TP
UGA	Index 4	SM-I4D5-S2H-1	SM-I4D5-S2H-1 TP
UGA	Index 4	SM-I4D5-S2L-1	SM-I4D5-S2L-1 TP
CRG	Index 4	SM-I4D5-FB-1	75114-R1
CRG	Index 4	SM-I4D5-O1H-1	75110-R1
CRG	Index 4	SM-I4D5-O1L-1	75113-R1
CRG	Index 4	SM-I4D5-S1H-1	75108-R2
CRG	Index 4	SM-I4D5-S1H-1	75108-R1
CRG	Index 4	SM-I4D5-S1L-1 MS MSD	75111-R1
CRG	Index 4	SM-I4D5-S2H-1	75109-R1

CRG	Index 4	SM-I4D5-S2L-1	75112-R1
MSI	Index 4	SM-14D6-FB-1	SM-14D6-FB-1
MSI	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1
MSI	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1
MSI	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1
MSI	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD
MSI	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1
MSI	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1
CRG	Index 4	SM-I4D6-FB-1	75176-R1
CRG	Index 4	SM-I4D6-O1H-1	75172-R1
CRG	Index 4	SM-I4D6-O1L-1	75175-R1
CRG	Index 4	SM-I4D6-S1H-1	75170-R1
CRG	Index 4	SM-I4D6-S1L-MSMSD	75173-R1
CRG	Index 4	SM-I4D6-S2H-1	75171-R1
CRG	Index 4	SM-I4D6-S2L-1	75174-R1
CRG	Index 4	SM-I4D6-FB-1	75176-R1
CRG	Index 4	SM-I4D6-O1H-1	75172-R1
CRG	Index 4	SM-I4D6-O1L-1	75175-R1
CRG	Index 4	SM-I4D6-S1H-1	75170-R2
CRG	Index 4	SM-I4D6-S1H-1	75170-R1
CRG	Index 4	SM-I4D6-S1L-MSMSD	75173-R1
CRG	Index 4	SM-I4D6-S2H-1	75171-R1
CRG	Index 4	SM-I4D6-S2L-1	75174-R1
MSI	Index 4	SM-14D6-FB-1	SM-14D6-FB-1
MSI	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1
MSI	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1
MSI	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1
MSI	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD
MSI	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1
MSI	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1
MSI	Index 4	SM-14D6-FB-1	SM-14D6-FB-1
MSI	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1
MSI	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1
MSI	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1
MSI	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD
MSI	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1
MSI	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1
MSI	Index 4	SM-14D6-FB-1	SM-14D6-FB-1
MSI	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1
MSI	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1

MSI	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1
MSI	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD
MSI	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1
MSI	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1
UGA	Index 4	SM-14D6-FB-1	SM-14D6-FB-1 TDN
UGA	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1 TDN
UGA	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1 TDN
UGA	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1 TDN
UGA	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD TDN
UGA	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1 TDN
UGA	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1 TDN
UGA	Index 4	SM-14D6-FB-1	SM-14D6-FB-1 TDP
UGA	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1 TDP
UGA	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1 TDP
UGA	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1 TDP
UGA	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD TDP
UGA	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1 TDP
UGA	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1 TDP
UGA	Index 4	SM-14D6-FB-1	SM-14D6-FB-1 TN
UGA	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1 TN
UGA	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1 TN
UGA	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1 TN
UGA	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD TN
UGA	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1 TN
UGA	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1 TN
UGA	Index 4	SM-14D6-FB-1	SM-14D6-FB-1 TP
UGA	Index 4	SM-I4D6-O1H-1	SM-I4D6-O1H-1 TP
UGA	Index 4	SM-I4D6-O1L-1	SM-I4D6-O1L-1 TP
UGA	Index 4	SM-I4D6-S1H-1	SM-I4D6-S1H-1 TP
UGA	Index 4	SM-I4D6-S1L-MSMSD	SM-I4D6-S1L-MSMSD TP
UGA	Index 4	SM-I4D6-S2H-1	SM-I4D6-S2H-1 TP
UGA	Index 4	SM-I4D6-S2L-1	SM-I4D6-S2L-1 TP
CRG	Index 4	SM-I4D6-FB-1	75176-R1
CRG	Index 4	SM-I4D6-O1H-1	75172-R1
CRG	Index 4	SM-I4D6-O1L-1	75175-R1
CRG	Index 4	SM-I4D6-S1H-1	75170-R1
CRG	Index 4	SM-I4D6-S1H-1	75170-R2
CRG	Index 4	SM-I4D6-S1L-MSMSD	75173-R1
CRG	Index 4	SM-I4D6-S2H-1	75171-R1
CRG	Index 4	SM-I4D6-S2L-1	75174-R1

MSI	Stormwater 3	SM-W3-FB-1	SM-W3-FB-1
MSI	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1
MSI	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10
MSI	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2
MSI	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3
MSI	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4
MSI	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5
MSI	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6
MSI	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7
MSI	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8
MSI	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9
MSI	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1
MSI	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1
MSI	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1
MSI	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1
MSI	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2
MSI	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1
MSI	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1
MSI	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2
CRG	Stormwater 3	SM-W3-SB-1	78521-R1
CRG	Stormwater 3	SM-W3-PG3-1	78503-R1
CRG	Stormwater 3	SM-W3-PG3-10	78512-R1
CRG	Stormwater 3	SM-W3-PG3-2	78504-R1
CRG	Stormwater 3	SM-W3-PG3-3	78505-R1
CRG	Stormwater 3	SM-W3-PG3-4	78506-R1
CRG	Stormwater 3	SM-W3-PG3-5	78507-R1
CRG	Stormwater 3	SM-W3-PG3-6	78508-R1
CRG	Stormwater 3	SM-W3-PG3-7	78509-R1
CRG	Stormwater 3	SM-W3-PG3-8	78510-R1
CRG	Stormwater 3	SM-W3-PG3-9	78511-R1
CRG	Stormwater 3	SM-W3-O1H-1	78515-R1
CRG	Stormwater 3	SM-W3-O1L-1	78518-R1
CRG	Stormwater 3	SM-W3-S1H-1	78513-R1
CRG	Stormwater 3	SM-W3-S1L-1	78516-R1
CRG	Stormwater 3	SM-W3-S1L-2	78520-R1
CRG	Stormwater 3	SM-W3-S2H-1	78514-R1
CRG	Stormwater 3	SM-W3-S2L-1	78517-R1
CRG	Stormwater 3	SM-W3-S2L-2	78519-R1
CRG	Stormwater 3	SM-W3-SB-1	78521-R1
CRG	Stormwater 3	SM-W3-O1H-1	78515-R1

CRG	Stormwater 3	SM-W3-PG3-1	78503-R2
CRG	Stormwater 3	SM-W3-PG3-1	78503-R1
CRG	Stormwater 3	SM-W3-PG3-10	78512-R1
CRG	Stormwater 3	SM-W3-PG3-2	78504-R1
CRG	Stormwater 3	SM-W3-PG3-3	78505-R1
CRG	Stormwater 3	SM-W3-PG3-4	78506-R1
CRG	Stormwater 3	SM-W3-PG3-5	78507-R1
CRG	Stormwater 3	SM-W3-PG3-6	78508-R1
CRG	Stormwater 3	SM-W3-PG3-7	78509-R1
CRG	Stormwater 3	SM-W3-PG3-8	78510-R1
CRG	Stormwater 3	SM-W3-PG3-9	78511-R1
CRG	Stormwater 3	SM-W3-O1L-1	78518-R1
CRG	Stormwater 3	SM-W3-S1H-1	78513-R1
CRG	Stormwater 3	SM-W3-S1L-1	78516-R1
CRG	Stormwater 3	SM-W3-S1L-2	78520-R1
CRG	Stormwater 3	SM-W3-S2H-1	78514-R1
CRG	Stormwater 3	SM-W3-S2L-1	78517-R1
CRG	Stormwater 3	SM-W3-S2L-2	78519-R1
CRG	Stormwater 3	SM-W3-S2L-2	78519-R2
MSI	Stormwater 3	SM-W3-SB-1	SM-W3-SB-1
MSI	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1
MSI	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10
MSI	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2
MSI	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3
MSI	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4
MSI	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5
MSI	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6
MSI	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7
MSI	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8
MSI	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9
MSI	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1
MSI	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1
MSI	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1
MSI	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1
MSI	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2
MSI	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1
MSI	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1
MSI	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2
MSI	Stormwater 3	SM-W3-FB-1	SM-W3-FB-1
MSI	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1

MSI	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10
MSI	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2
MSI	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3
MSI	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4
MSI	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5
MSI	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6
MSI	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7
MSI	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8
MSI	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9
MSI	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1
MSI	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1
MSI	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1
MSI	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1
MSI	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2
MSI	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1
MSI	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1
MSI	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2
MSI	Stormwater 3	SM-W3-FB-1	SM-W3-FB-1
MSI	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1
MSI	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10
MSI	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2
MSI	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3
MSI	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4
MSI	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5
MSI	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6
MSI	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7
MSI	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8
MSI	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9
MSI	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1
MSI	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1
MSI	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1
MSI	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1
MSI	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2
MSI	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1
MSI	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1
MSI	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2
UGA	Stormwater 3	SM-W3-SB-1	SM-W3-SB-1 TDN
UGA	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1 TDN
UGA	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10 TDN
UGA	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3 TDN

UGA	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6 TDN
UGA	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8 TDN
UGA	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2 TDN
UGA		SM-W3-PG3-4	SM-W3-PG3-4 TDN
UGA	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5 TDN
UGA	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7 TDN
UGA	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9 TDN
UGA	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1 TDN
UGA	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1 TDN
UGA	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1 TDN
UGA	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1 TDN
UGA	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2 TDN
UGA	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1 TDN
UGA	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2 TDN
UGA	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1 TDN
UGA	Stormwater 3	SM-W3-SB-1	SM-W3-SB-1 TDP
UGA	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1 TDP
UGA	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10 TDP
UGA	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2 TDP
UGA	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3 TDP
UGA	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4 TDP
UGA	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5 TDP
UGA	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6 TDP
UGA	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7 TDP
UGA	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8 TDP
UGA	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9 TDP
UGA	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1 TDP
UGA	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1 TDP
UGA	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1 TDP
UGA	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1 TDP
UGA	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2 TDP
UGA	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1 TDP
UGA	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2 TDP
UGA	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1 TDP
UGA	Stormwater 3	SM-W3-SB-1	SM-W3-SB-1 TN
UGA	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1 TN
UGA	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10 TN
UGA	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2 TN
UGA	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3 TN
UGA	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4 TN

UGA	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5 TN
UGA	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6 TN
UGA	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7 TN
UGA	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8 TN
UGA	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9 TN
UGA	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1 TN
UGA	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1 TN
UGA	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1 TN
UGA	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1 TN
UGA	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2 TN
UGA	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1 TN
UGA	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2 TN
UGA	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1 TN
UGA	Stormwater 3	SM-W3-SB-1	SM-W3-SB-1 TP
UGA	Stormwater 3	SM-W3-PG3-1	SM-W3-PG3-1 TP
UGA	Stormwater 3	SM-W3-PG3-10	SM-W3-PG3-10 TP
UGA	Stormwater 3	SM-W3-PG3-2	SM-W3-PG3-2 TP
UGA	Stormwater 3	SM-W3-PG3-3	SM-W3-PG3-3 TP
UGA	Stormwater 3	SM-W3-PG3-4	SM-W3-PG3-4 TP
UGA	Stormwater 3	SM-W3-PG3-5	SM-W3-PG3-5 TP
UGA	Stormwater 3	SM-W3-PG3-6	SM-W3-PG3-6 TP
UGA	Stormwater 3	SM-W3-PG3-7	SM-W3-PG3-7 TP
UGA	Stormwater 3	SM-W3-PG3-8	SM-W3-PG3-8 TP
UGA	Stormwater 3	SM-W3-PG3-9	SM-W3-PG3-9 TP
UGA	Stormwater 3	SM-W3-O1H-1	SM-W3-O1H-1 TP
UGA	Stormwater 3	SM-W3-O1L-1	SM-W3-O1L-1 TP
UGA	Stormwater 3	SM-W3-S1H-1	SM-W3-S1H-1 TP
UGA	Stormwater 3	SM-W3-S1L-1	SM-W3-S1L-1 TP
UGA	Stormwater 3	SM-W3-S1L-2	SM-W3-S1L-2 TP
UGA	Stormwater 3	SM-W3-S2H-1	SM-W3-S2H-1 TP
UGA	Stormwater 3	SM-W3-S2L-1	SM-W3-S2L-1 TP
UGA	Stormwater 3	SM-W3-S2L-2	SM-W3-S2L-2 TP
CRG	Stormwater 3	SM-W3-SB-1	78521-R1
CRG	Stormwater 3	SM-W3-PG3-1	78503-R2
CRG	Stormwater 3	SM-W3-PG3-1	78503-R1
CRG	Stormwater 3	SM-W3-PG3-10	78512-R1
CRG	Stormwater 3	SM-W3-PG3-2	78504-R1
CRG	Stormwater 3	SM-W3-PG3-3	78505-R1
CRG	Stormwater 3	SM-W3-PG3-4	78506-R1
CRG	Stormwater 3	SM-W3-PG3-5	78507-R1

CRG	Stormwater 3	SM-W3-PG3-6	78508-R1
CRG	Stormwater 3	SM-W3-PG3-7	78509-R1
CRG	Stormwater 3	SM-W3-PG3-8	78510-R1
CRG	Stormwater 3	SM-W3-PG3-9	78511-R1
CRG	Stormwater 3	SM-W3-O1H-1	78515-R1
CRG	Stormwater 3	SM-W3-O1L-1	78518-R1
CRG	Stormwater 3	SM-W3-S1H-1	78513-R1
CRG	Stormwater 3	SM-W3-S1L-1	78516-R1
CRG	Stormwater 3	SM-W3-S1L-2	78520-R1
CRG	Stormwater 3	SM-W3-S2H-1	78514-R1
CRG	Stormwater 3	SM-W3-S2L-1	78517-R1
CRG	Stormwater 3	SM-W3-S2L-2	78519-R1
UGA	Sediment Sampling	SM-PS01-1	SS01-120408-F1
UGA	Sediment Sampling	SM-PS02-1	SS02-120408-F1
UGA	Sediment Sampling	SM-PS02-2	SS02-120408-F3 Dup
UGA	Sediment Sampling	SM-PS03-1	SS03-120408-F1
UGA	Sediment Sampling	SM-PS04-1	SS04-120408-F1
UGA	Sediment Sampling	SM-PS05-1	SS05-120408-F1
UGA	Sediment Sampling	SM-PS06-1	SS06-120408-F1
UGA	Sediment Sampling	SM-PS09-1	SS09-120408-F1
UGA	Sediment Sampling	SM-PS10-1	SS10-120408-F1
UGA	Sediment Sampling	SM-PS12-1	SS12-120408-F1
UGA	Sediment Sampling	SM-PS13-1	SS13-120408-F1
UGA	Sediment Sampling	SM-PS15-2	SS15-120408-F3
UGA	Sediment Sampling	SM-PS15-1	SS15-120408-F1
UGA	Sediment Sampling	SM-PS01-1	SS01-120408-F1
UGA	Sediment Sampling	SM-PS02-1	SS02-120408-F1
UGA	Sediment Sampling	SM-PS02-2	SS02-120408-F3 Dup
UGA	Sediment Sampling	SM-PS03-1	SS03-120408-F1
UGA	Sediment Sampling	SM-PS04-1	SS04-120408-F1
UGA	Sediment Sampling	SM-PS05-1	SS05-120408-F1
UGA	Sediment Sampling	SM-PS06-1	SS06-120408-F1
UGA	Sediment Sampling	SM-PS09-1	SS09-120408-F1
UGA	Sediment Sampling	SM-PS10-1	SS10-120408-F1
UGA	Sediment Sampling	SM-PS12-1	SS12-120408-F1
UGA	Sediment Sampling	SM-PS13-1	SS13-120408-F1
UGA	Sediment Sampling	SM-PS15-2	SS15-120408-F3
UGA	Sediment Sampling	SM-PS15-1	SS15-120408-F1
UGA	Sediment Sampling	SM-PS01-1	SS01-F1
UGA	Sediment Sampling	SM-PS02-1	SS02-F1

UGA	Sediment Sampling	SM-PS02-2	SS02-F3
UGA	Sediment Sampling	SM-PS03-1	SS03-F1
UGA	Sediment Sampling	SM-PS04-1	SS04-F1
UGA	Sediment Sampling	SM-PS05-1	SS05-F1
UGA	Sediment Sampling	SM-PS06-1	SS06-F1
UGA	Sediment Sampling	SM-PS07-1	SS07-F1
UGA	Sediment Sampling	SM-PS08-1	SS08-F1
UGA	Sediment Sampling	SM-PS08-1	SS08-F1
UGA	Sediment Sampling	SM-PS09-1	SS09F1
UGA	Sediment Sampling	SM-PS09-1	SS09-F1
UGA	Sediment Sampling	SM-PS10-1	SS10-F1
UGA	Sediment Sampling	SM-PS11-1	SS11-F1
UGA	Sediment Sampling	SM-PS12-1	SS12-F1
UGA	Sediment Sampling	SM-PS13-1	SS13-F1
UGA	Sediment Sampling	SM-PS14-1	SS14-F1
UGA	Sediment Sampling	SM-PS15-1	SS015-F1
UGA	Sediment Sampling	SM-PS15-2	SS15-F3
UGA	Sediment Sampling	SM-PS01-1	SS01-120408-F1
UGA	Sediment Sampling	SM-PS02-1	SS02-F1
UGA	Sediment Sampling	SM-PS02-2	SS02-F3
UGA	Sediment Sampling	SM-PS03-1	SS03-F1
UGA	Sediment Sampling	SM-PS04-1	SS04-F1
UGA	Sediment Sampling	SM-PS05-1	SS05-F1
UGA	Sediment Sampling	SM-PS06-1	SS06-F1
UGA	Sediment Sampling	SM-PS07-1	SS07-120408-F1
UGA	Sediment Sampling	SM-PS08-1	SS08-F1
UGA	Sediment Sampling	SM-PS09-1	SS09-F1
UGA	Sediment Sampling	SM-PS09-1	SS09-F1
UGA	Sediment Sampling	SM-PS10-1	SS10-F1
UGA	Sediment Sampling	SM-PS11-1	SS11-F1
UGA	Sediment Sampling	SM-PS12-1	SS12-F1
UGA	Sediment Sampling	SM-PS13-1	SS13-F1
UGA	Sediment Sampling	SM-PS14-1	SS14-F1
UGA	Sediment Sampling	SM-PS15-1	SS15-F1
UGA	Sediment Sampling	SM-PS15-2	SS15-F1
UGA	Sediment Sampling	SM-PS01-1	SS01-F1
UGA	Sediment Sampling	SM-PS02-1	SS02-F1
UGA	Sediment Sampling	SM-PS02-2	SS02-F3
UGA	Sediment Sampling	SM-PS03-1	SS03-F1
UGA	Sediment Sampling	SM-PS04-1	SS04-F1

UGA	Sediment Sampling	SM-PS05-1	SS05-F1
UGA	Sediment Sampling	SM-PS06-1	SS06-F1
UGA	Sediment Sampling	SM-PS07-1	SS07-F1
UGA	Sediment Sampling	SM-PS08-1	SS08-F1
UGA	Sediment Sampling	SM-PS09-1	SS09-F1
UGA	Sediment Sampling	SM-PS10-1	SS010-F1
UGA	Sediment Sampling	SM-PS11-1	SS011-F1
UGA	Sediment Sampling	SM-PS12-1	SS012-F1
UGA	Sediment Sampling	SM-PS13-1	SS013-F1
UGA	Sediment Sampling	SM-PS14-1	SS14-F1
UGA	Sediment Sampling	SM-PS15-1	SS015-F1
UGA	Sediment Sampling	SM-PS15-2	SS15-F3

StationCode	EventType	SampleDate	SampleTime	SampleTypeCode	SampleReplicate
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1

SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1

Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1

Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	05-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	05-Jan-08	16:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	13:00	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:20	Grab	1
SM_Segment_1	WaterChem	05-Jan-08	21:25	FieldDup	1
SM_Segment_2	WaterChem	05-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	05-Jan-08	22:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1

SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1

Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1

Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1

SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	FieldDup	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	9:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	18:00	Grab	1

Pollutagraph	WaterChem	27-Jan-08	10:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	11:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	12:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	13:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	14:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	15:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	16:00	Grab	1
Pollutagraph	WaterChem	27-Jan-08	17:00	Grab	1
SM_Ocean	WaterChem	27-Jan-08	13:55	Grab	1
SM_Ocean	WaterChem	27-Jan-08	18:15	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:00	Grab	1
SM_Segment_1	WaterChem	27-Jan-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	27-Jan-08	17:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	12:45	Grab	1
SM_Segment_2	WaterChem	27-Jan-08	17:15	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1

SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:00	Grab	1

SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	14:20	Grab	1
SM_ME	WaterChem	30-Jan-08	10:10	Grab	1
SM_Ocean	WaterChem	30-Jan-08	13:50	Grab	1
SM_Ocean	WaterChem	30-Jan-08	9:50	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	14:00	Grab	1
SM_Segment_1	WaterChem	30-Jan-08	10:00	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	14:20	Grab	1
SM_Segment_2	WaterChem	30-Jan-08	10:20	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1

SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1

SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_ME	WaterChem	31-Jan-08	8:10	Grab	1
SM_Ocean	WaterChem	31-Jan-08	2:00	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	2:20	Grab	1
SM_Segment_1	WaterChem	31-Jan-08	11:50	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	2:10	Grab	1
SM_Segment_2	WaterChem	31-Jan-08	10:00	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1

SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1

SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_ME	WaterChem	01-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Feb-08	2:30	Grab	1
SM_Ocean	WaterChem	01-Feb-08	10:00	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	2:10	Grab	1
SM_Segment_1	WaterChem	01-Feb-08	10:10	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:00	Grab	1
SM_Segment_2	WaterChem	01-Feb-08	2:20	FieldDup	1
SM_Segment_2	WaterChem	01-Feb-08	10:20	Grab	1
SM_Segment_1	WaterChem	02-Feb-08	2:20	FieldDup	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1

SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1

SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_ME	WaterChem	06-Feb-08	7:45	Grab	1
SM_Ocean	WaterChem	06-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	06-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	06-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	06-Feb-08	12:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	06-Feb-08	12:10	Grab	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1

SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1

SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1

SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
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SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1

SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
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SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
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SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
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SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
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SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
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SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1

SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
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SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	FieldDup	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1

SM_Transect_7	WaterChem	07-Feb-08	7:55	FieldDup	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1

SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1

SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_ME	WaterChem	07-Feb-08	8:45	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	5:00	Grab	1
SM_Ocean	WaterChem	07-Feb-08	12:50	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	13:00	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:10	Grab	1
SM_Segment_1	WaterChem	07-Feb-08	5:30	FieldDup	1
SM_Segment_2	WaterChem	07-Feb-08	5:20	Grab	1
SM_Segment_2	WaterChem	07-Feb-08	13:15	Grab	1

SM_Transect_1	WaterChem	07-Feb-08	14:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:45	Grab	1
SM_Transect_1	WaterChem	07-Feb-08	8:55	FieldDup	1
SM_Transect_10	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_10	WaterChem	07-Feb-08	13:00	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_11	WaterChem	07-Feb-08	12:50	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	7:15	Grab	1
SM_Transect_12	WaterChem	07-Feb-08	12:45	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	8:40	Grab	1
SM_Transect_2	WaterChem	07-Feb-08	14:05	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_3	WaterChem	07-Feb-08	14:00	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	8:30	Grab	1
SM_Transect_4	WaterChem	07-Feb-08	13:50	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	8:15	Grab	1
SM_Transect_5	WaterChem	07-Feb-08	13:40	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	8:05	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_6	WaterChem	07-Feb-08	13:30	Grab	1
SM_Transect_7	WaterChem	07-Feb-08	7:55	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	7:45	Grab	1
SM_Transect_8	WaterChem	07-Feb-08	13:15	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	7:30	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:05	Grab	1
SM_Transect_9	WaterChem	07-Feb-08	13:15	FieldDup	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1

SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1

SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1

SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_ME	WaterChem	08-Feb-08	8:00	Grab	1
SM_Ocean	WaterChem	08-Feb-08	6:30	Grab	1
SM_Ocean	WaterChem	08-Feb-08	11:30	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:10	Grab	1
SM_Segment_1	WaterChem	08-Feb-08	6:20	FieldDup	1
SM_Segment_1	WaterChem	08-Feb-08	12:10	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	6:00	Grab	1
SM_Segment_2	WaterChem	08-Feb-08	12:00	Grab	1
SM_Storm_Drain	WaterChem	08-Feb-08	12:00	Grab	1
SM_Transect_7	WaterChem	08-Feb-08	13:25	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1

SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1

SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	24-Mar-08	8:50	Grab	1
SM_Ocean	WaterChem	24-Mar-08	11:00	Grab	1
SM_Ocean	WaterChem	24-Mar-08	15:20	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	10:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	Grab	1
SM_Segment_1	WaterChem	24-Mar-08	15:10	FieldDup	1
SM_Segment_2	WaterChem	24-Mar-08	10:00	Grab	1
SM_Segment_2	WaterChem	24-Mar-08	15:00	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDUp	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1

SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1

SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_ME	WaterChem	25-Mar-08	8:30	Grab	1
SM_Ocean	WaterChem	25-Mar-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Mar-08	15:45	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:05	Grab	1
SM_Segment_1	WaterChem	25-Mar-08	10:10	FieldDup	1
SM_Segment_1	WaterChem	25-Mar-08	14:50	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	10:15	Grab	1
SM_Segment_2	WaterChem	25-Mar-08	13:50	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1

SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2

SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_ME	WaterChem	26-Mar-08	8:55	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_Ocean	WaterChem	26-Mar-08	11:25	Grab	1
SM_Ocean	WaterChem	26-Mar-08	15:35	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	26-Mar-08	10:30	FieldDup	2
SM_Segment_1	WaterChem	26-Mar-08	14:40	Grab	1

SM_Segment_2	WaterChem	26-Mar-08	11:15	Grab	1
SM_Segment_2	WaterChem	26-Mar-08	14:30	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1

SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1

SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1

SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1

SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1

SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1

SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:50	FieldDup	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	13:40	Grab	1
SM_Transect_1	WaterChem	27-Mar-08	8:50	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	12:30	Grab	1
SM_Transect_10	WaterChem	27-Mar-08	7:00	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	12:15	Grab	1
SM_Transect_11	WaterChem	27-Mar-08	6:50	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	12:05	Grab	1
SM_Transect_12	WaterChem	27-Mar-08	6:40	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	13:50	Grab	1
SM_Transect_2	WaterChem	27-Mar-08	8:45	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	8:40	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	Grab	1
SM_Transect_3	WaterChem	27-Mar-08	14:05	FieldDup	1
SM_Transect_4	WaterChem	27-Mar-08	13:20	Grab	1
SM_Transect_4	WaterChem	27-Mar-08	8:30	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	13:10	Grab	1
SM_Transect_5	WaterChem	27-Mar-08	8:15	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	13:00	Grab	1
SM_Transect_6	WaterChem	27-Mar-08	8:04	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	12:55	Grab	1
SM_Transect_7	WaterChem	27-Mar-08	7:35	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	12:45	Grab	1
SM_Transect_8	WaterChem	27-Mar-08	7:20	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	12:35	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1
SM_Transect_9	WaterChem	27-Mar-08	7:10	Grab	1

SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1

SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1

SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	31-Mar-08	11:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	15:45	Grab	1
SM_Ocean	WaterChem	31-Mar-08	10:20	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:00	Grab	1
SM_Segment_1	WaterChem	31-Mar-08	15:10	FieldDup	2
SM_Segment_1	WaterChem	31-Mar-08	9:30	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	14:25	Grab	1
SM_Segment_2	WaterChem	31-Mar-08	9:45	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2

SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1

SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	01-Apr-08	13:30	Grab	1
SM_Ocean	WaterChem	01-Apr-08	15:45	Grab	1
SM_Ocean	WaterChem	01-Apr-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:35	Grab	1
SM_Segment_1	WaterChem	01-Apr-08	16:40	FieldDup	2
SM_Segment_1	WaterChem	01-Apr-08	9:45	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	16:00	Grab	1
SM_Segment_2	WaterChem	01-Apr-08	9:30	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1

SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1

SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	02-Apr-08	8:45	Grab	1
SM_Ocean	WaterChem	02-Apr-08	16:30	Grab	1
SM_Ocean	WaterChem	02-Apr-08	11:15	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	15:30	Grab	1
SM_Segment_1	WaterChem	02-Apr-08	10:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	16:15	Grab	1
SM_Segment_2	WaterChem	02-Apr-08	10:45	Grab	1
SM_Storm_Drain	WaterChem	02-Apr-08	13:55	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1

SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1

SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_ME	WaterChem	21-Jul-08	11:10	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_Ocean	WaterChem	21-Jul-08	10:20	Grab	1
SM_Ocean	WaterChem	21-Jul-08	15:55	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	21-Jul-08	14:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	21-Jul-08	14:30	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1

SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1

SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	22-Jul-08	10:50	Grab	1
SM_Ocean	WaterChem	22-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:00	Grab	1
SM_Segment_1	WaterChem	22-Jul-08	11:05	FieldDup	1
SM_Segment_1	WaterChem	22-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	22-Jul-08	16:40	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1

SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1

SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Ocean	WaterChem	23-Jul-08	10:45	Grab	1
SM_Ocean	WaterChem	23-Jul-08	16:10	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	23-Jul-08	10:20	FieldDup	1
SM_Segment_2	WaterChem	23-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	23-Jul-08	16:30	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1

SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1

SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1

SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1

SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1

SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1

SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1

SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	11:10	Grab	1
SM_Transect_1	WaterChem	24-Jul-08	17:10	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	9:20	Grab	1
SM_Transect_10	WaterChem	24-Jul-08	15:50	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	9:10	Grab	1
SM_Transect_11	WaterChem	24-Jul-08	15:40	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	9:00	Grab	1
SM_Transect_12	WaterChem	24-Jul-08	15:30	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	11:00	Grab	1
SM_Transect_2	WaterChem	24-Jul-08	17:00	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	10:45	Grab	1
SM_Transect_3	WaterChem	24-Jul-08	16:50	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	10:30	Grab	1
SM_Transect_4	WaterChem	24-Jul-08	16:40	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	10:20	Grab	1
SM_Transect_5	WaterChem	24-Jul-08	16:30	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	Grab	1
SM_Transect_6	WaterChem	24-Jul-08	10:05	FieldDup	1
SM_Transect_6	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	9:55	Grab	1
SM_Transect_7	WaterChem	24-Jul-08	16:10	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	9:45	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	Grab	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_8	WaterChem	24-Jul-08	16:05	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	Grab	1
SM_Transect_9	WaterChem	24-Jul-08	9:30	FieldDup	1
SM_Transect_9	WaterChem	24-Jul-08	15:55	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1

SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:45	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:45	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:45	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1

SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:55	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	28-Jul-08	14:45	FieldBlank	1
SM_ME	WaterChem	28-Jul-08	11:00	Grab	1
SM_Ocean	WaterChem	28-Jul-08	15:45	Grab	1

SM_Ocean	WaterChem	28-Jul-08	11:05	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:45	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	14:45	Grab	1
SM_Segment_1	WaterChem	28-Jul-08	10:30	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	15:10	Grab	1
SM_Segment_2	WaterChem	28-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1

SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1

SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	29-Jul-08	14:30	FieldBlank	1
SM_ME	WaterChem	29-Jul-08	11:15	Grab	1
SM_Ocean	WaterChem	29-Jul-08	15:45	Grab	1
SM_Ocean	WaterChem	29-Jul-08	10:15	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	16:00	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:30	Grab	1
SM_Segment_1	WaterChem	29-Jul-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	29-Jul-08	16:15	Grab	1
SM_Segment_2	WaterChem	29-Jul-08	10:45	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1

SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1

SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	30-Jul-08	15:00	FieldBlank	1
SM_ME	WaterChem	30-Jul-08	11:30	Grab	1
SM_Ocean	WaterChem	30-Jul-08	16:05	Grab	1
SM_Ocean	WaterChem	30-Jul-08	11:25	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	16:15	Grab	1
SM_Segment_1	WaterChem	30-Jul-08	12:25	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	16:30	Grab	1
SM_Segment_2	WaterChem	30-Jul-08	11:20	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1

SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1

SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1
SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	23-Sep-08	14:30	FieldBlank	1
SM_Ocean	WaterChem	23-Sep-08	14:10	Grab	1

SM_Ocean	WaterChem	23-Sep-08	10:20	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	14:05	FieldDup	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	23-Sep-08	11:00	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	14:15	Grab	1
SM_Segment_2	WaterChem	23-Sep-08	9:15	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1

	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1

	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	24-Sep-08	14:40	FieldBlank	1
SM_Ocean	WaterChem	24-Sep-08	15:20	Grab	1
SM_Ocean	WaterChem	24-Sep-08	11:00	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:45	Grab	1
SM_Segment_1	WaterChem	24-Sep-08	15:50	FieldDup	1
SM_Segment_1	WaterChem	24-Sep-08	10:25	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	15:30	Grab	1
SM_Segment_2	WaterChem	24-Sep-08	10:00	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1

SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:25	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1

SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1

SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1

SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1

SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1

SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1

SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1

SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1
SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
	WaterChem	25-Sep-08	15:00	FieldBlank	1
SM_Ocean	WaterChem	25-Sep-08	16:10	Grab	1
SM_Ocean	WaterChem	25-Sep-08	11:05	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	16:00	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:30	Grab	1
SM_Segment_1	WaterChem	25-Sep-08	10:35	FieldDup	1

SM_Segment_2	WaterChem	25-Sep-08	16:15	Grab	1
SM_Segment_2	WaterChem	25-Sep-08	10:15	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	17:10	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_1	WaterChem	25-Sep-08	12:54	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	15:47	Grab	1
SM_Transect_10	WaterChem	25-Sep-08	11:05	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	15:40	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_11	WaterChem	25-Sep-08	10:50	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	15:30	Grab	1
SM_Transect_12	WaterChem	25-Sep-08	10:35	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	17:00	Grab	1
SM_Transect_2	WaterChem	25-Sep-08	12:40	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	16:50	Grab	1
SM_Transect_3	WaterChem	25-Sep-08	12:30	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	16:40	Grab	1
SM_Transect_4	WaterChem	25-Sep-08	12:20	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	16:30	Grab	1
SM_Transect_5	WaterChem	25-Sep-08	12:06	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:23	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	12:00	Grab	1
SM_Transect_6	WaterChem	25-Sep-08	16:28	FieldDup	1
SM_Transect_7	WaterChem	25-Sep-08	16:17	Grab	1
SM_Transect_7	WaterChem	25-Sep-08	11:50	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	16:05	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	Grab	1
SM_Transect_8	WaterChem	25-Sep-08	11:38	FieldDup	1
SM_Transect_9	WaterChem	25-Sep-08	15:55	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	11:20	Grab	1
SM_Transect_9	WaterChem	25-Sep-08	16:00	FieldDup	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1

	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1

SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1
SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	29-Sep-08	12:30	FieldBlank	1
SM_Ocean	WaterChem	29-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Ocean	WaterChem	29-Sep-08	11:55	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	7:15	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:00	Grab	1
SM_Segment_1	WaterChem	29-Sep-08	12:05	FieldDup	1

SM_Segment_2	WaterChem	29-Sep-08	7:00	Grab	1
SM_Segment_2	WaterChem	29-Sep-08	12:15	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1

SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	30-Sep-08	11:30	FieldBlank	1
SM_Ocean	WaterChem	30-Sep-08	8:00	Grab	1
SM_Ocean	WaterChem	30-Sep-08	13:00	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	7:40	Grab	1
SM_Segment_1	WaterChem	30-Sep-08	12:30	Grab	1
SM_Segment_2	WaterChem	30-Sep-08	7:15	Grab	1

SM_Segment_2	WaterChem	30-Sep-08	12:45	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1

SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	7:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1
	WaterChem	01-Oct-08	12:45	FieldBlank	1
SM_Ocean	WaterChem	01-Oct-08	8:00	Grab	1
SM_Ocean	WaterChem	01-Oct-08	14:00	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	9:40	Grab	1
SM_Segment_1	WaterChem	01-Oct-08	13:00	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	7:15	Grab	1
SM_Segment_2	WaterChem	01-Oct-08	13:30	Grab	1

	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:10	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	6:10	Grab	1

Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:10	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1

Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1

Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1

Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
	WaterChem	26-Nov-08	15:00	FieldBlank	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	2:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	11:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	3:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	4:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	5:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	6:30	Grab	1

Pollutagraph	WaterChem	26-Nov-08	7:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	8:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	9:30	Grab	1
Pollutagraph	WaterChem	26-Nov-08	10:30	Grab	1
SM_Ocean	WaterChem	26-Nov-08	6:10	Grab	1
SM_Ocean	WaterChem	26-Nov-08	13:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	6:05	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:00	Grab	1
SM_Segment_1	WaterChem	26-Nov-08	11:10	FieldDup	1
SM_Segment_2	WaterChem	26-Nov-08	6:00	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:05	Grab	1
SM_Segment_2	WaterChem	26-Nov-08	11:15	FieldDup	1
SS01	SedChem	04-Dec-08	10:40	Grab	1
SS02	SedChem	04-Dec-08	12:15	Grab	1
SS02	SedChem	04-Dec-08	12:15	FieldDup	1
SS03	SedChem	04-Dec-08	12:48	Grab	1
SS04	SedChem	04-Dec-08	13:33	Grab	1
SS05	SedChem	04-Dec-08	12:48	Grab	1
SS06	SedChem	04-Dec-08	13:05	Grab	1
SS09	SedChem	04-Dec-08	13:35	Grab	1
SS10	SedChem	04-Dec-08	13:50	Grab	1
SS12	SedChem	04-Dec-08	14:10	Grab	1
SS13	SedChem	04-Dec-08	14:20	Grab	1
SS15	SedChem	04-Dec-08	14:35	FieldDup	1
SS15	SedChem	04-Dec-08	14:35	Grab	1
SS01	SedChem	04-Dec-08	10:40	Grab	1
SS02	SedChem	04-Dec-08	12:15	Grab	1
SS02	SedChem	04-Dec-08	12:15	FieldDup	1
SS03	SedChem	04-Dec-08	12:48	Grab	1
SS04	SedChem	04-Dec-08	13:33	Grab	1
SS05	SedChem	04-Dec-08	12:48	Grab	1
SS06	SedChem	04-Dec-08	13:05	Grab	1
SS09	SedChem	04-Dec-08	13:35	Grab	1
SS10	SedChem	04-Dec-08	13:50	Grab	1
SS12	SedChem	04-Dec-08	14:10	Grab	1
SS13	SedChem	04-Dec-08	14:20	Grab	1
SS15	SedChem	04-Dec-08	14:35	FieldDup	1
SS15	SedChem	04-Dec-08	14:35	Grab	1
SS01	SedChem	04-Dec-08	10:40	Grab	1
SS02	SedChem	04-Dec-08	12:15	Grab	1

SS02	SedChem	04-Dec-08	12:15	FieldDup	1
SS03	SedChem	04-Dec-08	12:48	Grab	1
SS04	SedChem	04-Dec-08	13:33	Grab	1
SS05	SedChem	04-Dec-08	12:48	Grab	1
SS06	SedChem	04-Dec-08	13:05	Grab	1
SS07	SedChem	04-Dec-08	13:15	Grab	1
SS08	SedChem	04-Dec-08	13:15	Grab	1
SS08	SedChem	04-Dec-08	13:15	Grab	1
SS08	SedChem	04-Dec-08	13:35	Grab	1
SS09	SedChem	04-Dec-08	13:35	Grab	1
SS10	SedChem	04-Dec-08	13:50	Grab	1
SS11	SedChem	04-Dec-08	13:50	Grab	1
SS12	SedChem	04-Dec-08	14:00	Grab	1
SS13	SedChem	04-Dec-08	14:10	Grab	1
SS14	SedChem	04-Dec-08	14:25	Grab	1
SS15	SedChem	04-Dec-08	14:25	Grab	1
SS15	SedChem	04-Dec-08	14:35	FieldDup	1
SS01	SedChem	04-Dec-08	10:40	Grab	1
SS02	SedChem	04-Dec-08	12:15	Grab	1
SS02	SedChem	04-Dec-08	12:15	FieldDup	1
SS03	SedChem	04-Dec-08	12:48	Grab	1
SS04	SedChem	04-Dec-08	13:33	Grab	1
SS05	SedChem	04-Dec-08	12:48	Grab	1
SS06	SedChem	04-Dec-08	13:05	Grab	1
SS07	SedChem	04-Dec-08	13:15	Grab	1
SS08	SedChem	04-Dec-08	13:15	Grab	1
SS09	SedChem	04-Dec-08	13:35	Grab	1
SS09		04-Dec-08	13:35	Grab	1
SS10	SedChem	04-Dec-08	13:50	Grab	1
SS11	SedChem	04-Dec-08	14:00	Grab	1
SS12	SedChem	04-Dec-08	14:10	Grab	1
SS13	SedChem	04-Dec-08	14:20	Grab	1
SS14	SedChem	04-Dec-08	14:25	Grab	1
SS15	SedChem	04-Dec-08	14:35	Grab	1
SS15	SedChem	04-Dec-08	14:35	FieldDup	1
SS01	SedChem	04-Dec-08	10:40	Grab	1
SS02	SedChem	04-Dec-08	12:15	Grab	1
SS02	SedChem	04-Dec-08	12:15	FieldDup	1
SS03	SedChem	04-Dec-08	12:48	Grab	1
SS04	SedChem	04-Dec-08	13:33	Grab	1

SS05	SedChem	04-Dec-08	12:48	Grab	1
SS06	SedChem	04-Dec-08	13:05	Grab	1
SS07	SedChem	04-Dec-08	13:15	Grab	1
SS08	SedChem	04-Dec-08	13:15	Grab	1
SS09	SedChem	04-Dec-08	13:35	Grab	1
SS10	SedChem	04-Dec-08	13:50	Grab	1
SS11	SedChem	04-Dec-08	14:00	Grab	1
SS12	SedChem	04-Dec-08	14:10	Grab	1
SS13	SedChem	04-Dec-08	14:10	Grab	1
SS14	SedChem	04-Dec-08	14:25	Grab	1
SS15	SedChem	04-Dec-08	14:35	Grab	1
SS15	SedChem	04-Dec-08	14:35	FieldDup	1

DepthSampleCollection	DepthUnit	ProjectID	Season	AgencyCode
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
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0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP

0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
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0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
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0.1	m	SD Lagoons	35	SCCWRP
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0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
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0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
0.1	m	SD Lagoons	35	SCCWRP
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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None	Sample never received	1.00
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None	Sample never received	1.00
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None	Sample never received	1.00
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None	Sample never received	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
None	None	1.00
None	None	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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None	vial cracked:used TDN sample	1.00
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None	vial cracked:used TP sample	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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Sample lost during centrifugation	None	1.00
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None	vial cracked-used TDN sample	1.00
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None	vial cracked-used TDN sample	1.00
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None	vial cracked-used TP sample	1.00
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sample spilled	None	1.00
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sample spilled	None	1.00
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PreparationDate	DigestExtractMethod	DigestExtractDate	LabBatch	AnalysisDate
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	1	01-Jan-50	AL2466	23-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
01-Jan-50	0	01-Jan-50	08-01-0346	12-Jan-08
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01-Jan-50	0	13-Feb-08	1	15-Feb-08
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01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
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01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	0	01-Jan-50	CDM001-5024023	11-Jan-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
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01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
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01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08

AllPrimarySamples

01-Jan-50	0	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-01-26	29-Jan-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5205016	15-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08

01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
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01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	0	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
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01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	0	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
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01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08

01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	0	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	1	22-Feb-08	AL2502	22-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
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01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
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01-Jan-50	0	06-Feb-08	1	07-Feb-08
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01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	1	01-Jan-50		22-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
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01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08

01-Jan-50	0	06-Feb-08	1	14-Feb-08
27-Jan-08	1	06-Feb-08		07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
01-Jan-50	0	06-Feb-08	1	07-Feb-08
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01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
27-Jan-08	1	06-Feb-08		14-Feb-08
27-Jan-08	1	06-Feb-08	1	14-Feb-08
01-Jan-50	0	06-Feb-08	1	14-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08

01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	0	01-Jan-50	CDM001b-5224021	02-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-01-28	31-Jan-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5205017	15-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08

01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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30-Jan-08	1	19-Mar-08	1	19-Mar-08
30-Jan-08	1	19-Mar-08	1	19-Mar-08
01-Jan-50	0	01-Jan-50	1	15-May-08
30-Jan-08	1	19-Mar-08		19-Mar-08
30-Jan-08	1	19-Mar-08		19-Mar-08
30-Jan-08	1	19-Mar-08	1	02-Apr-08
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30-Jan-08	1	19-Mar-08	1	02-Apr-08
30-Jan-08	1	19-Mar-08	1	02-Apr-08
30-Jan-08	1	19-Mar-08		02-Apr-08
01-Jan-50	0	01-Jan-50	1	14-May-08

30-Jan-08	1	19-Mar-08		02-Apr-08
30-Jan-08	1	19-Mar-08	1	26-Mar-08
30-Jan-08	1	19-Mar-08	1	26-Mar-08
30-Jan-08	1	19-Mar-08	1	26-Mar-08
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30-Jan-08	1	19-Mar-08	1	02-Apr-08
30-Jan-08	1	19-Mar-08	1	02-Apr-08
01-Jan-50	0	01-Jan-50	1	14-May-08
30-Jan-08	1	19-Mar-08		02-Apr-08
30-Jan-08	1	19-Mar-08		02-Apr-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	01-Jan-50	CDM001c-5224022	06-Feb-08
01-Jan-50	0	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	08-01-2194	05-Feb-08
01-Jan-50	0	01-Jan-50	5205029	18-Feb-08

01-Jan-50	0	01-Jan-50	5205029	18-Feb-08
01-Jan-50	0	01-Jan-50	5205029	18-Feb-08
01-Jan-50	0	01-Jan-50	5205029	18-Feb-08
01-Jan-50	0	01-Jan-50	5205029	18-Feb-08
01-Jan-50	0	01-Jan-50	5205029	18-Feb-08
01-Jan-50	0	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	0	28-Feb-08	AL2523	28-Feb-08
01-Jan-50	1	28-Feb-08	AL2523	28-Feb-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	0	01-Jan-50	08-03-2112	30-Mar-08
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01-Jan-50	0	26-Mar-08	5205012	26-Mar-08
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01-Jan-50	0	26-Mar-08	5205012	26-Mar-08
01-Jan-50	0	26-Mar-08	5205012	26-Mar-08

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01-Jan-50	0	26-Mar-08	5205012	26-Mar-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08
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01-Jan-50	0	01-Jan-50	1	14-May-08
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01-Jan-50	0	01-Jan-50	1	14-May-08

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01-Jan-50	0	01-Jan-50	5324018	26-Mar-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	0	01-Jan-50	08-03-2256	31-Mar-08
01-Jan-50	0	01-Jan-50	1051	01-Apr-08
01-Jan-50	0	01-Jan-50	08-03-2256	31-Mar-08
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01-Jan-50	0	01-Jan-50	08-03-2256	31-Mar-08
01-Jan-50	0	01-Jan-50	08-03-2256	31-Mar-08
01-Jan-50	0	01-Jan-50	08-03-2256	31-Mar-08

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01-Jan-50	0	04-Apr-08	5305025	04-Apr-08
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01-Jan-50	0	31-Mar-08	5305016	31-Mar-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08

01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	15-May-08
01-Jan-50	0	01-Jan-50	1	14-May-08
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01-Jan-50	0	01-Jan-50	5324027	30-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	0	01-Jan-50	5324020	26-Mar-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08

AllPrimarySamples

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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	0	01-Jan-50	1051	01-Apr-08
01-Jan-50	0	01-Jan-50	1051	01-Apr-08
01-Jan-50	0	01-Jan-50	1051	01-Apr-08
01-Jan-50	0	01-Jan-50	1051	01-Apr-08
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01-Jan-50	0	04-Apr-08	5305025	04-Apr-08
01-Jan-50	0	04-Apr-08	5305025	04-Apr-08
01-Jan-50	0	04-Apr-08	5305025	04-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08

01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
26-Mar-08	0	01-Jan-50	1	15-May-08
26-Mar-08	0	01-Jan-50	1	15-May-08
26-Mar-08	0	01-Jan-50	1	15-May-08
26-Mar-08	0	01-Jan-50	1	15-May-08
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26-Mar-08	0	01-Jan-50	1	14-May-08
26-Mar-08	0	01-Jan-50	1	14-May-08
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26-Mar-08	0	01-Jan-50	1	15-May-08
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26-Mar-08	0	01-Jan-50	1	14-May-08
26-Mar-08	0	01-Jan-50	1	14-May-08
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01-Jan-50	0	01-Jan-50	5324027	30-Mar-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	0	01-Jan-50	1049	28-Mar-08
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01-Jan-50	0	01-Jan-50	1049	28-Mar-08
01-Jan-50	0	01-Jan-50	1049	28-Mar-08
01-Jan-50	0	01-Jan-50	1049	28-Mar-08
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01-Jan-50	0	08-Apr-08	5305032	08-Apr-08

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01-Jan-50	0	08-Apr-08	5305032	08-Apr-08
01-Jan-50	0	09-Apr-08	5305033	09-Apr-08
01-Jan-50	0	08-Apr-08	5305032	08-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08

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01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
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01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08

01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	15-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Apr-08	0	01-Jan-50	1	14-May-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	0	01-Jan-50	5324036	04-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	1058	03-Apr-08
01-Jan-50	0	01-Jan-50	08-04-0033	06-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08

AllPrimarySamples

01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
01-Jan-50	0	16-Apr-08	5305040	16-Apr-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
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01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
01-Jan-50	1	01-Jan-50	AL2582	17-Apr-08
02-Apr-08	0	01-Jan-50	1	15-May-08
02-Apr-08	0	01-Jan-50	1	15-May-08
02-Apr-08	0	01-Jan-50	1	15-May-08
02-Apr-08	0	01-Jan-50	1	15-May-08
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02-Apr-08	0	01-Jan-50	1	15-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08

02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	15-May-08
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02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
02-Apr-08	0	01-Jan-50	1	14-May-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324039	04-Apr-08
01-Jan-50	0	01-Jan-50	5324031	04-Apr-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08

01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	01-Jan-50	1086	22-Jul-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08

01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
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01-Jan-50	1	02-Sep-08	1	08-Sep-08
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01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	0	01-Jan-50	5524030	25-Jul-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08

01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	01-Jan-50	1088	23-Jul-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
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01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	0	03-Aug-08	5505022	03-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08

AllPrimarySamples

01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
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01-Jan-50	1	02-Sep-08	1	05-Sep-08
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01-Jan-50	1	02-Sep-08	1	05-Sep-08
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01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
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01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
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01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	0	01-Jan-50	5524032	28-Jul-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08

01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	24-Jul-08	1090	24-Jul-08
01-Jan-50	1	24-Jul-08	1090	24-Jul-08
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01-Jan-50	1	24-Jul-08	1090	24-Jul-08
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01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	01-Jan-50	AL2684	21-Aug-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08

01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
01-Jan-50	1	02-Sep-08	1	05-Sep-08
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01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
01-Jan-50	1	02-Sep-08	1	08-Sep-08
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AllPrimarySamples

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01-Jan-50	1	31-Jul-08	1096	31-Jul-08

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01-Jan-50	1	27-Feb-09		31-Mar-09

LabReplicate	MatrixName	MethodName	AnalyteName
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
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1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
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1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Phosphorus

	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
2	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Nitrogen
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus

	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Dissolved Phosphorus
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Nitrogen
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
2	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus

1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
2	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
2	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
2	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
2	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
2	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
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1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
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1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
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1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
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1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite

1	samplewater	SM 4500-NO2-B	Nitrite
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1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
2	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

2	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus

1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
2	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus

1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand

1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
2	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus

1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus

1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand

1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite

1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus

1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	EPA 405.1	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a

2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus

1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand

1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a

1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
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1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
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1	samplewater	SM 2540 D	Total Suspended Solids
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1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
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1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
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1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
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1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen

1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
2	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a

2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite

1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
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1	samplewater	SM 4500-NO2-B	Nitrite
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1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus

1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus

1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia

1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate

1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 4500-NH3 G	Ammonia
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 5210 B	Carbonaceous Biochemical Oxygen Demand
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a

2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 10200 H	Chlorophyll a
2	samplewater	SM 10200 H	Chlorophyll a
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO3 F	Nitrate + Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite

1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-NO2-B	Nitrite
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
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1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500-P C	Orthophosphate
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen

1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
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1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Nitrogen
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
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1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Dissolved Phosphorus
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
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1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Nitrogen
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
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1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 4500P-J	Total Phosphorus
1	samplewater	SM 2540 D	Total Suspended Solids
2	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids

1	samplewater	SM 2540 D	Total Suspended Solids
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1	samplewater	SM 2540 D	Total Suspended Solids
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1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
1	samplewater	SM 2540 D	Total Suspended Solids
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Fines
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	ASTM D 422	Percent Sands
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon

	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
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	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Carbon
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	EPA 9060	Total Organic Nitrogen
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus

	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus
	sediment	Nelson (1987)	Total Phosphorus

FractionName	Unit	Basis	Result	ResultQualCode	SigFig	MDL	RL	QACode
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.052		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.227		2	0.001	0.004	X
3.00	mg/L	WW	0.094		2	0.001	0.004	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	3.5		2	1	1	X
0.00	mg/L	WW	2.3		2	1	1	X
0.00	mg/L	WW	2.3		2	1	1	X
0.00	mg/L	WW	3.2		2	1	1	X
0.00	mg/L	WW	2.3		2	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	3.3		2	1	1	X
0.00	mg/L	WW	7.5		2	1	1	X
0.00	mg/m3	WW	12.5		3	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	18.7		3	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	93.5		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	160.2		3	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
0.00	mg/m3	WW	42.7		3	1	2	X
0.00	mg/m3	WW	42.7		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	50.7		3	1	2	X

0.00	mg/m3	WW	106.8		3	1	2	X
3.00	mg/L	WW	0.081		2	0.007	0.02	X
3.00	mg/L	WW	0.109		2	0.007	0.02	X
3.00	mg/L	WW	0.116		2	0.007	0.02	X
3.00	mg/L	WW	0.073		2	0.007	0.02	X
3.00	mg/L	WW	0.529		2	0.007	0.02	X
3.00	mg/L	WW	3.264		2	0.007	0.02	X
3.00	mg/L	WW	2.843		2	0.007	0.02	X
3.00	mg/L	WW	2.409		2	0.007	0.02	X
3.00	mg/L	WW	0.139		2	0.007	0.02	X
3.00	mg/L	WW	1.807		2	0.007	0.02	X
3.00	mg/L	WW	1.835		2	0.007	0.02	X
3.00	mg/L	WW	0.154		2	0.007	0.02	X
3.00	mg/L	WW	1.737		2	0.007	0.02	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.015		2	0.001	0.004	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.025		2	0.001	0.004	X
3.00	mg/L	WW	0.032		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
3.00	mg/L	WW	0.059		2	0.003	0.009	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.053		2	0.003	0.009	X
3.00	mg/L	WW	0.059		2	0.003	0.009	X
3.00	mg/L	WW	0.077		2	0.003	0.009	X
3.00	mg/L	WW	0.13		2	0.003	0.009	X
3.00	mg/L	WW	0.164		2	0.003	0.009	X
3.00	mg/L	WW	0.165		2	0.003	0.009	X
3.00	mg/L	WW	0.043		2	0.003	0.009	X
3.00	mg/L	WW	0.162		2	0.003	0.009	X
3.00	mg/L	WW	0.174		2	0.003	0.009	X
3.00	mg/L	WW	0.18		2	0.003	0.009	X
3.00	mg/L	WW	0.198		2	0.003	0.009	X

3.00	mg/L	WW	2.8204			0.02	0.1	H
3.00	mg/L	WW	2.8217			0.02	0.1	H
3.00	mg/L	WW	4.6724			0.02	0.1	H
3.00	mg/L	WW	5.9709			0.02	0.1	H
3.00	mg/L	WW	14.9881			0.02	0.1	H
3.00	mg/L	WW	7.0755			0.02	0.1	H
3.00	mg/L	WW	17.8347			0.02	0.1	H
3.00	mg/L	WW	6.4925			0.02	0.1	H
3.00	mg/L	WW	2.7448			0.02	0.1	H
3.00	mg/L	WW	4.5949			0.02	0.1	H
3.00	mg/L	WW	4.8794			0.02	0.1	H
3.00	mg/L	WW	3.9977			0.02	0.1	H
3.00	mg/L	WW	11.0284			0.02	0.1	H
3.00	mg/L	WW	0.0641			0.02	0.05	H
3.00	mg/L	WW	0.0807			0.02	0.05	H
3.00	mg/L	WW	0.0728			0.02	0.05	H
3.00	mg/L	WW	0.0713			0.02	0.05	H
3.00	mg/L	WW	0.1017			0.02	0.05	H
3.00	mg/L	WW	0.1431			0.02	0.05	H
3.00	mg/L	WW	0.2015			0.02	0.05	H
3.00	mg/L	WW	0.2027			0.02	0.05	H
3.00	mg/L	WW	0.0499			0.02	0.05	H
3.00	mg/L	WW	0.2096			0.02	0.05	H
3.00	mg/L	WW	0.2004			0.02	0.05	H
3.00	mg/L	WW	0.094			0.02	0.05	H
3.00	mg/L	WW	0.2648			0.02	0.05	H
2.00	mg/L	WW	0.2647			0.02	0.1	H
2.00	mg/L	WW	0.271			0.02	0.1	H
2.00	mg/L	WW	4.6467			0.02	0.1	H
2.00	mg/L	WW	0.2314			0.02	0.1	H
2.00	mg/L	WW	1.0858			0.02	0.1	H
2.00	mg/L	WW	3.6007			0.02	0.1	H
2.00	mg/L	WW	3.2124			0.02	0.1	H
2.00	mg/L	WW	3.7094			0.02	0.1	H
2.00	mg/L	WW	0.369			0.02	0.1	H
2.00	mg/L	WW	2.4079			0.02	0.1	H
2.00	mg/L	WW	2.3862			0.02	0.1	H
2.00	mg/L	WW	1.1229			0.02	0.1	H
2.00	mg/L	WW	2.8755			0.02	0.1	H
2.00	mg/L	WW	0.1155			0.02	0.05	H

2.00	mg/L	WW	0.0734			0.02	0.05	H
2.00	mg/L	WW	0.092			0.02	0.05	H
2.00	mg/L	WW	0.1112			0.02	0.05	H
2.00	mg/L	WW	0.1843			0.02	0.05	H
2.00	mg/L	WW	0.2333			0.02	0.05	H
2.00	mg/L	WW	0.2852			0.02	0.05	H
2.00	mg/L	WW	0.479			0.02	0.05	H
2.00	mg/L	WW	0.0592			0.02	0.05	H
2.00	mg/L	WW	0.2177			0.02	0.05	H
2.00	mg/L	WW	0.2223			0.02	0.05	H
2.00	mg/L	WW	0.2531			0.02	0.05	H
2.00	mg/L	WW	0.2881			0.02	0.05	H
0.00	mg/L	WW	5		2	0.5	5	X
0.00	mg/L	WW	6		2	0.5	5	X
0.00	mg/L	WW	44		3	0.5	5	X
0.00	mg/L	WW	4	DNQ	2	0.5	5	X
0.00	mg/L	WW	32		3	0.5	5	X
0.00	mg/L	WW	72		3	0.5	5	X
0.00	mg/L	WW	170		3	0.5	5	X
0.00	mg/L	WW	262		3	0.5	5	X
0.00	mg/L	WW	12.5		3	0.5	5	X
0.00	mg/L	WW	228		3	0.5	5	X
0.00	mg/L	WW	356		3	0.5	5	X
0.00	mg/L	WW	21		3	0.5	5	X
0.00	mg/L	WW	458		3	0.5	5	X
3.00	mg/L	WW	1.429		2	0.001	0.004	X
3.00	mg/L	WW	0.085		2	0.001	0.004	X
3.00	mg/L	WW	1.485		2	0.001	0.004	X
3.00	mg/L	WW	0.237		2	0.001	0.004	X
3.00	mg/L	WW	0.176		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.036		2	0.001	0.004	X
3.00	mg/L	WW	0.088		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK

3.00	mg/L	WW	0.041		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	4.8		2	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	30.5		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	40.1		3	1	2	X
0.00	mg/m3	WW	13.4		3	1	2	X
0.00	mg/m3	WW	17.8		3	1	2	X
0.00	mg/m3	WW	-1	ND	1	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	6.4		2	1	2	X
0.00	mg/m3	WW	8		2	1	2	X
0.00	mg/m3	WW	14.8		3	1	2	X
0.00	mg/m3	WW	13.8		3	1	2	X
0.00	mg/m3	WW	14.8		3	1	2	X
0.00	mg/m3	WW	21.4		3	1	2	X
0.00	mg/m3	WW	19		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
3.00	mg/L	WW	1.457		2	0.007	0.02	X
3.00	mg/L	WW	1.709		2	0.007	0.02	X
3.00	mg/L	WW	1.286		2	0.007	0.02	X

3.00	mg/L	WW	1.164		2	0.007	0.02	X
3.00	mg/L	WW	0.709		2	0.007	0.02	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	0.018	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.342		2	0.007	0.02	X
3.00	mg/L	WW	2.647		2	0.007	0.02	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	0.67		2	0.007	0.02	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.001	0.004	X
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.027		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.04		2	0.003	0.009	X
3.00	mg/L	WW	0.167		2	0.003	0.009	X
3.00	mg/L	WW	0.071		2	0.003	0.009	X
3.00	mg/L	WW	0.217		2	0.003	0.009	X
3.00	mg/L	WW	0.149		2	0.003	0.009	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-88		2	0.003	0.009	BRK

3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.009		2	0.003	0.009	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.149		2	0.003	0.009	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.223		2	0.003	0.009	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-88		2	0.02	0.1	BRK
3.00	mg/L	WW	-88		2	0.02	0.1	BRK
3.00	mg/L	WW	-88		2	0.02	0.1	BRK
3.00	mg/L	WW	-88		2	0.02	0.1	BRK
3.00	mg/L	WW	2.2949			0.02	0.1	X
3.00	mg/L	WW	3.936			0.02	0.1	X
3.00	mg/L	WW	3.6408			0.02	0.1	X
3.00	mg/L	WW	3.0377			0.02	0.1	X
3.00	mg/L	WW	1.9902			0.02	0.1	X
3.00	mg/L	WW	1.7172			0.02	0.1	X
3.00	mg/L	WW	1.1871			0.02	0.1	X
3.00	mg/L	WW	1.2125			0.02	0.1	X
3.00	mg/L	WW	3.171			0.02	0.1	X
3.00	mg/L	WW	13.465			0.02	0.1	X
3.00	mg/L	WW	2.3901			0.02	0.1	X
3.00	mg/L	WW	-88		2	0.02	0.1	BRK
3.00	mg/L	WW	2.0759			0.02	0.1	X
3.00	mg/L	WW	0.0993			0.02	0.05	X
3.00	mg/L	WW	0.2085			0.02	0.05	X
3.00	mg/L	WW	0.2413			0.02	0.05	X
3.00	mg/L	WW	0.2507			0.02	0.05	X
3.00	mg/L	WW	0.2336			0.02	0.05	X
3.00	mg/L	WW	0.3499			0.02	0.05	X
3.00	mg/L	WW	-88		2	0.02	0.05	BRK
3.00	mg/L	WW	-88		2	0.02	0.05	BRK
3.00	mg/L	WW	-88		2	0.02	0.05	BRK
3.00	mg/L	WW	-88		2	0.02	0.05	BRK
3.00	mg/L	WW	0.0206			0.02	0.05	X
3.00	mg/L	WW	0.0523			0.02	0.05	X
3.00	mg/L	WW	0.1276			0.02	0.05	X
3.00	mg/L	WW	0.1335			0.02	0.05	X
3.00	mg/L	WW	0.145			0.02	0.05	X

3.00	mg/L	WW	0.178			0.02	0.05	X
2.00	mg/L	WW	-88		2	0.02	0.05	BRK
2.00	mg/L	WW	2.206			0.02	0.1	X
2.00	mg/L	WW	2.3108			0.02	0.1	X
2.00	mg/L	WW	3.1266			0.02	0.1	X
2.00	mg/L	WW	2.2758			0.02	0.1	X
2.00	mg/L	WW	1.7426			0.02	0.1	X
2.00	mg/L	WW	2.0378			0.02	0.1	X
2.00	mg/L	WW	1.8633			0.02	0.1	X
2.00	mg/L	WW	2.3234			0.02	0.1	X
2.00	mg/L	WW	-88		2	0.02	0.1	BRK
2.00	mg/L	WW	-88		2	0.02	0.1	BRK
2.00	mg/L	WW	0.2507			0.02	0.1	X
2.00	mg/L	WW	0.5649			0.02	0.1	X
2.00	mg/L	WW	3.0916			0.02	0.1	X
2.00	mg/L	WW	3.3996			0.02	0.1	X
2.00	mg/L	WW	-88		2	0.02	0.1	BRK
2.00	mg/L	WW	1.1204			0.02	0.1	X
2.00	mg/L	WW	1.6029			0.02	0.1	X
2.00	mg/L	WW	0.1178			0.02	0.05	X
2.00	mg/L	WW	0.4616			0.02	0.05	X
2.00	mg/L	WW	0.2432			0.02	0.05	X
2.00	mg/L	WW	0.1613			0.02	0.05	X
2.00	mg/L	WW	0.2666			0.02	0.05	X
2.00	mg/L	WW	0.5168			0.02	0.05	X
2.00	mg/L	WW	0.3362			0.02	0.05	X
2.00	mg/L	WW	0.4524			0.02	0.05	X
2.00	mg/L	WW	-88		2	0.02	0.05	BRK
2.00	mg/L	WW	-88		2	0.02	0.05	BRK
2.00	mg/L	WW	0.0255			0.02	0.05	X
2.00	mg/L	WW	0.0563			0.02	0.05	X
2.00	mg/L	WW	0.1445			0.02	0.05	X
2.00	mg/L	WW	0.8294			0.02	0.05	X
2.00	mg/L	WW	-88		2	0.02	0.05	BRK
2.00	mg/L	WW	0.0635			0.02	0.05	X
2.00	mg/L	ww	0.0633	4		0.02	0.05	X
2.00	mg/L	WW	0.3593			0.02	0.05	X
0.00	mg/L	WW	3.5	DNQ	2	0.5	5	X
0.00	mg/L	WW	4	DNQ	2	0.5	5	X
0.00	mg/L	WW	292		3	0.5	5	X

0.00	mg/L	WW	278		3	0.5	5	X
0.00	mg/L	WW	215		3	0.5	5	X
0.00	mg/L	WW	208		3	0.5	5	X
0.00	mg/L	WW	398		3	0.5	5	X
0.00	mg/L	WW	128		3	0.5	5	X
0.00	mg/L	WW	524		3	0.5	5	X
0.00	mg/L	WW	338		3	0.5	5	X
0.00	mg/L	WW	164		3	0.5	5	X
0.00	mg/L	WW	8.5		2	0.5	5	X
0.00	mg/L	WW	8.5		2	0.5	5	X
0.00	mg/L	WW	13.5		3	0.5	5	X
0.00	mg/L	WW	10.5		3	0.5	5	X
0.00	mg/L	WW	472		3	0.5	5	X
0.00	mg/L	WW	19		3	0.5	5	X
0.00	mg/L	WW	720		3	0.5	5	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.02		2	0.001	0.004	H
3.00	mg/L	WW	0.081		2	0.001	0.004	H
3.00	mg/L	WW	0.183		2	0.001	0.004	H
3.00	mg/L	WW	0.252		2	0.001	0.004	H
3.00	mg/L	WW	0.195		2	0.001	0.004	H
3.00	mg/L	WW	0.06		2	0.001	0.004	H
3.00	mg/L	WW	0.028		2	0.001	0.004	H
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	7.3		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	4		2	1	2	X
0.00	mg/m3	WW	12.5		3	1	2	X
0.00	mg/m3	WW	3.6		2	1	2	X
0.00	mg/m3	WW	2.7		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	5.9		2	1	2	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK

3.00	mg/L	WW	2.829		2	0.007	0.02	H
3.00	mg/L	WW	1.62		2	0.007	0.02	H
3.00	mg/L	WW	1.139		2	0.007	0.02	H
3.00	mg/L	WW	22.719		2	0.007	0.02	H
3.00	mg/L	WW	20.52		2	0.007	0.02	H
3.00	mg/L	WW	2.885		2	0.007	0.02	H
3.00	mg/L	WW	1.55		2	0.007	0.02	H
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.013		2	0.001	0.004	H
3.00	mg/L	WW	0.017		2	0.001	0.004	H
3.00	mg/L	WW	0.013		2	0.001	0.004	H
3.00	mg/L	WW	0.059		2	0.001	0.004	H
3.00	mg/L	WW	0.059		2	0.001	0.004	H
3.00	mg/L	WW	0.017		2	0.001	0.004	H
3.00	mg/L	WW	0.014		2	0.001	0.004	H
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.164		2	0.003	0.009	H
3.00	mg/L	WW	0.149		2	0.003	0.009	H
3.00	mg/L	WW	0.043		2	0.003	0.009	H
3.00	mg/L	WW	0.263		2	0.003	0.009	H
3.00	mg/L	WW	0.322		2	0.003	0.009	H
3.00	mg/L	WW	0.043		2	0.003	0.009	H
3.00	mg/L	WW	0.133		2	0.003	0.009	H
3.00	mg/L	WW	4.9784		5	0.02	0.1	H
3.00	mg/L	WW	5.0536		5	0.02	0.1	H
3.00	mg/L	WW	12.8376		6	0.02	0.1	H
3.00	mg/L	WW	4.4254		5	0.02	0.1	H
3.00	mg/L	WW	41.6604		6	0.02	0.1	H
3.00	mg/L	WW	22.2004		6	0.02	0.1	H
3.00	mg/L	WW	12.961		6	0.02	0.1	H
3.00	mg/L	WW	5.0767		5	0.02	0.1	H
3.00	mg/L	WW	5.3774		5	0.02	0.1	H
3.00	mg/L	WW	0.1855		4	0.02	0.05	H
3.00	mg/L	WW	0.1383		4	0.02	0.05	H
3.00	mg/L	WW	0.1745		4	0.02	0.05	H
3.00	mg/L	WW	0.1475		4	0.02	0.05	H
3.00	mg/L	WW	0.22		2	0.02	0.05	H
3.00	mg/L	WW	0.3018		4	0.02	0.05	H
3.00	mg/L	WW	0.2031		4	0.02	0.05	H
3.00	mg/L	WW	0.168		4	0.02	0.05	H

3.00	mg/L	WW	0.2373		4	0.02	0.05	H
2.00	mg/L	WW	3.7444		5	0.02	0.1	H
2.00	mg/L	WW	2.9901		5	0.02	0.1	H
2.00	mg/L	WW	2.4238		5	0.02	0.1	H
2.00	mg/L	WW	2.309		4	0.02	0.1	H
2.00	mg/L	WW	49.1205		6	0.02	0.1	H
2.00	mg/L	WW	33.061		5	0.02	0.1	H
2.00	mg/L	WW	3.345		4	0.02	0.1	H
2.00	mg/L	WW	2.2764		5	0.02	0.1	H
2.00	mg/L	WW	0.1884		4	0.02	0.05	H
2.00	mg/L	WW	0.1531		4	0.02	0.05	H
2.00	mg/L	WW	0.2119		4	0.02	0.05	H
2.00	mg/L	WW	0.1649		4	0.02	0.05	H
2.00	mg/L	WW	0.3123		4	0.02	0.05	H
2.00	mg/L	WW	0.223		3	0.02	0.05	H
2.00	mg/L	WW	0.248		4	0.02	0.05	H
2.00	mg/L	WW	0.2242		4	0.02	0.05	H
2.00	mg/L	WW	0.2328		4	0.02	0.05	H
0.00	mg/L	WW	17		3	0.5	5	X
0.00	mg/L	WW	20		3	0.5	5	X
0.00	mg/L	WW	39		3	0.5	5	X
0.00	mg/L	WW	33		3	0.5	5	X
0.00	mg/L	WW	145		3	0.5	5	X
0.00	mg/L	WW	-5	ND	1	0.5	5	X
0.00	mg/L	WW	10		3	0.5	5	X
0.00	mg/L	WW	31.3		3	0.5	5	X
0.00	mg/L	WW	32		3	0.5	5	X
3.00	mg/L	WW	0.084		2	0.001	0.004	H
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	H
3.00	mg/L	WW	0.167		2	0.001	0.004	H
3.00	mg/L	WW	1.975		2	0.001	0.004	H
3.00	mg/L	WW	0.032		2	0.001	0.004	H
3.00	mg/L	WW	0.151		2	0.001	0.004	H
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/m3	WW	7.6		2	1	2	X

0.00	mg/m3	WW	9		2	1	2	X
0.00	mg/m3	WW	7.3		2	1	2	X
0.00	mg/m3	WW	2.7		2	1	2	X
0.00	mg/m3	WW	8.6		2	1	2	X
0.00	mg/m3	WW	6.4		2	1	2	X
3.00	mg/L	WW	1.541		2	0.007	0.02	H
3.00	mg/L	WW	0.276		2	0.007	0.02	H
3.00	mg/L	WW	1.597		2	0.007	0.02	H
3.00	mg/L	WW	26.235		2	0.007	0.02	H
3.00	mg/L	WW	2.801		2	0.007	0.02	H
3.00	mg/L	WW	1.807		2	0.007	0.02	H
3.00	mg/L	WW	0.01		2	0.001	0.004	H
3.00	mg/L	WW	0.004		2	0.001	0.004	H
3.00	mg/L	WW	0.02		2	0.001	0.004	H
3.00	mg/L	WW	0.241		2	0.001	0.004	H
3.00	mg/L	WW	0.018		2	0.001	0.004	H
3.00	mg/L	WW	0.015		2	0.001	0.004	H
3.00	mg/L	WW	0.115		2	0.003	0.009	H
3.00	mg/L	WW	0.012		2	0.003	0.009	H
3.00	mg/L	WW	0.121		2	0.003	0.009	H
3.00	mg/L	WW	0.115		2	0.003	0.009	H
3.00	mg/L	WW	0.17		2	0.003	0.009	H
3.00	mg/L	WW	0.108		2	0.003	0.009	H
3.00	mg/L	WW	2.6215		5	0.02	0.1	H
3.00	mg/L	WW	1.195		5	0.02	0.1	H
3.00	mg/L	WW	6.048		5	0.02	0.1	H
3.00	mg/L	WW	86.682		6	0.02	0.1	H
3.00	mg/L	WW	4.025		5	0.02	0.1	H
3.00	mg/L	WW	16.949		6	0.02	0.1	H
3.00	mg/L	WW	0.124		4	0.02	0.05	H
3.00	mg/L	WW	0.021		4	0.02	0.05	H
3.00	mg/L	WW	0.152		4	0.02	0.05	H
3.00	mg/L	WW	0.433		4	0.02	0.05	H
3.00	mg/L	WW	0.184		4	0.02	0.05	H
3.00	mg/L	WW	0.161		4	0.02	0.05	H
2.00	mg/L	WW	3.454		5	0.02	0.1	H
2.00	mg/L	WW	0.819		4	0.02	0.1	H
2.00	mg/L	WW	3.573		5	0.02	0.1	H
2.00	mg/L	WW	3.932		5	0.02	0.1	H
2.00	mg/L	WW	49.815		6	0.02	0.1	H

2.00	mg/L	WW	2.93		5	0.02	0.1	H
2.00	mg/L	WW	2.502		5	0.02	0.1	H
2.00	mg/L	WW	0.16		4	0.02	0.05	H
2.00	mg/L	WW	0.022		4	0.02	0.05	H
2.00	mg/L	WW	0.158		4	0.02	0.05	H
2.00	mg/L	WW	0.516		4	0.02	0.05	H
2.00	mg/L	WW	0.201		4	0.02	0.05	H
2.00	mg/L	WW	0.163		4	0.02	0.05	H
0.00	mg/L	WW	12		3	0.5	5	X
0.00	mg/L	WW	13.5		3	0.5	5	X
0.00	mg/L	WW	9.7		2	0.5	5	X
0.00	mg/L	WW	19.3		3	0.5	5	X
0.00	mg/L	WW	2.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	16		3	0.5	5	X
0.00	mg/L	WW	10		3	0.5	5	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.032		2	0.001	0.004	X
3.00	mg/L	WW	0.039		2	0.001	0.004	X
3.00	mg/L	WW	0.032		2	0.001	0.004	X
3.00	mg/L	WW	0.335		2	0.001	0.004	X
3.00	mg/L	WW	0.05		2	0.001	0.004	X
3.00	mg/L	WW	0.05		2	0.001	0.004	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/m3	WW	4.8		2	1	2	X
0.00	mg/m3	WW	6.7		2	1	2	X
0.00	mg/m3	WW	5.1		2	1	2	X
0.00	mg/m3	WW	6.1		2	1	2	X
0.00	mg/m3	WW	4.3		2	1	2	X
0.00	mg/m3	WW	8		2	1	2	X
0.00	mg/m3	WW	4.5		2	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK

3.00	mg/L	WW	0.127		2	0.007	0.02	X
3.00	mg/L	WW	1.275		2	0.007	0.02	X
3.00	mg/L	WW	2.885		2	0.007	0.02	X
3.00	mg/L	WW	5.379		2	0.007	0.02	X
3.00	mg/L	WW	3.628		2	0.007	0.02	X
3.00	mg/L	WW	1.821		2	0.007	0.02	X
3.00	mg/L	WW	1.392		2	0.007	0.02	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.212		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.015		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.031		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X
3.00	mg/L	WW	0.146		2	0.003	0.009	X
3.00	mg/L	WW	0.118		2	0.003	0.009	X
3.00	mg/L	WW	0.384		2	0.003	0.009	X
3.00	mg/L	WW	0.105		2	0.003	0.009	X
3.00	mg/L	WW	0.118		2	0.003	0.009	X
3.00	mg/L	WW	3.42		5	0.02	0.1	H
3.00	mg/L	WW	1.23088		5	0.02	0.1	H
3.00	mg/L	WW	15.55		6	0.02	0.1	H
3.00	mg/L	WW	5.73594		5	0.02	0.1	H
3.00	mg/L	WW	7.61544		5	0.02	0.1	H
3.00	mg/L	WW	71.819		6	0.02	0.1	H
3.00	mg/L	WW	2.683		5	0.02	0.1	H
3.00	mg/L	WW	5.25014		5	0.02	0.1	H
3.00	mg/L	WW	0.049		4	0.02	0.05	H
3.00	mg/L	WW	0.012		4	0.02	0.05	H
3.00	mg/L	WW	0.07		4	0.02	0.05	H
3.00	mg/L	WW	0.151		4	0.02	0.05	H
3.00	mg/L	WW	0.131		4	0.02	0.05	H
3.00	mg/L	WW	0.3		4	0.02	0.05	H
3.00	mg/L	WW	0.113		4	0.02	0.05	H
3.00	mg/L	WW	0.118		4	0.02	0.05	H
2.00	mg/L	WW	3.086		5	0.02	0.1	H

2.00	mg/L	WW	0.568		4	0.02	0.1	H
2.00	mg/L	WW	1.004		5	0.02	0.1	H
2.00	mg/L	WW	4.055		4	0.02	0.1	H
2.00	mg/L	WW	2.573		5	0.02	0.1	H
2.00	mg/L	WW	50.537		6	0.02	0.1	H
2.00	mg/L	WW	2.55		5	0.02	0.1	H
2.00	mg/L	WW	2.814		4	0.02	0.1	H
2.00	mg/L	WW	0.135		4	0.02	0.05	H
2.00	mg/L	WW	0.026		4	0.02	0.05	H
2.00	mg/L	WW	0.363		4	0.02	0.05	H
2.00	mg/L	WW	0.15		4	0.02	0.05	H
2.00	mg/L	WW	0.17		4	0.02	0.05	H
2.00	mg/L	WW	0.408		4	0.02	0.05	H
2.00	mg/L	WW	0.151		4	0.02	0.05	H
2.00	mg/L	WW	0.125		4	0.02	0.05	H
0.00	mg/L	WW	7.5		2	0.5	5	X
0.00	mg/L	WW	10.8		3	0.5	5	X
0.00	mg/L	WW	10		3	0.5	5	X
0.00	mg/L	WW	8.5		2	0.5	5	X
0.00	mg/L	WW	-5	ND	1	0.5	5	X
0.00	mg/L	WW	9.5		2	0.5	5	X
0.00	mg/L	WW	8.5		2	0.5	5	X
0.00	mg/L	WW	7.5		2	0.5	5	X
2.00	mg/L	WW	5.169		5	0.02	0.1	H
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.056		2	0.001	0.004	X
3.00	mg/L	WW	0.23		2	0.001	0.004	X
3.00	mg/L	WW	0.095		2	0.001	0.004	X
3.00	mg/L	WW	0.294		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	5.9		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X

0.00	mg/m3	WW	4.6		2	1	2	X
0.00	mg/m3	WW	8		2	1	2	X
0.00	mg/m3	WW	14.4		3	1	2	X
0.00	mg/m3	WW	14.4		3	1	2	X
0.00	mg/m3	WW	22.3		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	6.1		2	1	2	X
3.00	mg/L	WW	2.885		2	0.007	0.02	X
3.00	mg/L	WW	0.029		2	0.007	0.02	X
3.00	mg/L	WW	0.195		2	0.007	0.02	X
3.00	mg/L	WW	2.745		2	0.007	0.02	X
3.00	mg/L	WW	2.563		2	0.007	0.02	X
3.00	mg/L	WW	3.838		2	0.007	0.02	X
3.00	mg/L	WW	2.143		2	0.007	0.02	X
3.00	mg/L	WW	3.306		2	0.007	0.02	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.263		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.105		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X
3.00	mg/L	WW	0.003	DNQ	2	0.003	0.009	X
3.00	mg/L	WW	0.387		2	0.003	0.009	X
3.00	mg/L	WW	0.093		2	0.003	0.009	X
3.00	mg/L	WW	0.071		2	0.003	0.009	X
3.00	mg/L	WW	0.115		2	0.003	0.009	X
3.00	mg/L	WW	0.115		2	0.003	0.009	X
3.00	mg/L	WW	5.25602		4	0.02	0.1	H
3.00	mg/L	WW	0.63462		4	0.02	0.1	H
3.00	mg/L	WW	2.6131		5	0.02	0.1	H
3.00	mg/L	WW	43.8		6	0.02	0.1	H
3.00	mg/L	WW	5.21		5	0.02	0.1	H
3.00	mg/L	WW	6.083		4	0.02	0.1	H
3.00	mg/L	WW	5.40638		5	0.02	0.1	H

3.00	mg/L	WW	5.68974		5	0.02	0.1	H
3.00	mg/L	WW	0.089		4	0.02	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.02	0.05	H
3.00	mg/L	WW	0.001		4	0.02	0.05	H
3.00	mg/L	WW	0.122		3	0.02	0.05	H
3.00	mg/L	WW	0.144		4	0.02	0.05	H
3.00	mg/L	WW	0.381		4	0.02	0.05	H
3.00	mg/L	WW	0.167		4	0.02	0.05	H
3.00	mg/L	WW	0.098		4	0.02	0.05	H
2.00	mg/L	WW	2.637		5	0.02	0.1	H
2.00	mg/L	WW	0.564		4	0.02	0.1	H
2.00	mg/L	WW	0.71		4	0.02	0.1	H
2.00	mg/L	WW	6.54		5	0.02	0.1	H
2.00	mg/L	WW	6.401		5	0.02	0.1	H
2.00	mg/L	WW	42.528		6	0.02	0.1	H
2.00	mg/L	WW	3.03		5	0.02	0.1	H
2.00	mg/L	WW	2.778		5	0.02	0.1	H
2.00	mg/L	WW	0.1009		4	0.02	0.05	H
2.00	mg/L	WW	0.015		4	0.02	0.05	H
2.00	mg/L	WW	0.011		4	0.02	0.05	H
2.00	mg/L	WW	0.143		4	0.02	0.05	H
2.00	mg/L	WW	0.128		4	0.02	0.05	H
2.00	mg/L	WW	0.392		4	0.02	0.05	H
2.00	mg/L	WW	0.118		4	0.02	0.05	H
2.00	mg/L	WW	0.134		4	0.02	0.05	H
0.00	mg/L	WW	10.3		3	0.5	5	X
0.00	mg/L	WW	9.3		3	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	8.7		2	0.5	5	X
0.00	mg/L	WW	79		3	0.5	5	X
0.00	mg/L	WW	1231.4		3	0.5	5	X
0.00	mg/L	WW	31.3		3	0.5	5	X
0.00	mg/L	WW	13.7		3	0.5	5	X
0.00	mg/L	WW	14.7		3	0.5	5	X
3.00	mg/L	WW	0.021		2	0.001	0.004	X
3.00	mg/L	WW	1.397		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.576		2	0.001	0.004	X
3.00	mg/L	WW	0.473		2	0.001	0.004	X
3.00	mg/L	WW	0.381		2	0.001	0.004	X

3.00	mg/L	WW	0.025		2	0.001	0.004	X
3.00	mg/L	WW	1.062		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.053		2	0.001	0.004	X
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.025		2	0.001	0.004	X
3.00	mg/L	WW	0.034		2	0.001	0.004	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.987		2	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
3.00	mg/L	WW	0.139		2	0.001	0.004	X
3.00	mg/L	WW	1.383		2	0.001	0.004	X
3.00	mg/L	WW	0.11485494		2	0.001	0.004	x
3.00	mg/L	WW	1.681		2	0.001	0.004	X
3.00	mg/L	WW	0.936		2	0.001	0.004	X
3.00	mg/L	WW	1.094		2	0.001	0.004	X
3.00	mg/L	WW	0.042		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	1.513		2	0.001	0.004	X
3.00	mg/L	WW	0.197		2	0.001	0.004	X
3.00	mg/L	WW	0.151		2	0.001	0.004	X
3.00	mg/L	WW	0.034		2	0.001	0.004	X
3.00	mg/L	WW	0.027		2	0.001	0.004	X
3.00	mg/L	WW	0.022		2	0.001	0.004	X
3.00	mg/L	WW	0.039		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	4		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	5.3		2	1	2	X

0.00	mg/m3	WW	9.8		2	1	2	X
0.00	mg/m3	WW	-1	ND	1	1	2	X
0.00	mg/m3	WW	24.9		3	1	2	X
0.00	mg/m3	WW	29.4		3	1	2	X
0.00	mg/m3	WW	18.7		3	1	2	X
0.00	mg/m3	WW	6.2		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	12.8		3	1	2	X
0.00	mg/m3	WW	14.6		3	1	2	X
0.00	mg/m3	WW	10		3	1	2	X
0.00	mg/m3	WW	4.7		2	1	2	X
0.00	mg/m3	WW	3.6		2	1	2	X
0.00	mg/m3	WW	7.7		2	1	2	X
0.00	mg/m3	WW	4.5		2	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
0.00	mg/m3	WW	-1	ND	1	1	2	X
0.00	mg/m3	WW	5		2	1	2	X
0.00	mg/m3	WW	8.5		2	1	2	X
0.00	mg/m3	WW	6.2		2	1	2	X
0.00	mg/m3	WW	4.5		2	1	2	X
0.00	mg/m3	WW	86.3		3	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	-1	ND	1	1	2	X
0.00	mg/m3	WW	8		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	6.7		2	1	2	X
0.00	mg/m3	WW	1.9	DNQ	2	1	2	X
0.00	mg/m3	WW	6.2		2	1	2	X
0.00	mg/m3	WW	1.8	DNQ	2	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
3.00	mg/L	WW	3.138		2	0.007	0.02	X
3.00	mg/L	WW	1.219		2	0.007	0.02	X
3.00	mg/L	WW	0.029		2	0.007	0.02	X
3.00	mg/L	WW	15.856		2	0.007	0.02	X
3.00	mg/L	WW	15.926		2	0.007	0.02	X
3.00	mg/L	WW	32.019		2	0.007	0.02	X
3.00	mg/L	WW	2.745		2	0.007	0.02	X
3.00	mg/L	WW	2.311		2	0.007	0.02	X

3.00	mg/L	WW	0.025		2	0.007	0.02	X
3.00	mg/L	WW	0.027		2	0.007	0.02	X
3.00	mg/L	WW	1.821		2	0.007	0.02	X
3.00	mg/L	WW	2.549		2	0.007	0.02	X
3.00	mg/L	WW	3.208		2	0.007	0.02	X
3.00	mg/L	WW	1.625		2	0.007	0.02	X
3.00	mg/L	WW	2.395		2	0.007	0.02	X
3.00	mg/L	WW	0.74		2	0.007	0.02	X
3.00	mg/L	WW	3.138		2	0.007	0.02	X
3.00	mg/L	WW	2.213		2	0.007	0.02	X
3.00	mg/L	WW	1.863		2	0.007	0.02	X
3.00	mg/L	WW	2.353		2	0.007	0.02	X
3.00	mg/L	WW	0.1820871		2	0.007	0.02	x
3.00	mg/L	WW	1.933		2	0.007	0.02	X
3.00	mg/L	WW	2.717		2	0.007	0.02	X
3.00	mg/L	WW	2.983		2	0.007	0.02	X
3.00	mg/L	WW	2.913		2	0.007	0.02	X
3.00	mg/L	WW	1.147		2	0.007	0.02	X
3.00	mg/L	WW	3.054		2	0.007	0.02	X
3.00	mg/L	WW	2.843		2	0.007	0.02	X
3.00	mg/L	WW	2.563		2	0.007	0.02	X
3.00	mg/L	WW	3.166		2	0.007	0.02	X
3.00	mg/L	WW	2.619		2	0.007	0.02	X
3.00	mg/L	WW	2.297		2	0.007	0.02	X
3.00	mg/L	WW	3.04		2	0.007	0.02	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.378		2	0.001	0.004	X
3.00	mg/L	WW	0.132		2	0.001	0.004	X
3.00	mg/L	WW	0.228		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X

3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.021		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.01260603		2	0.001	0.004	x
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.015		2	0.001	0.004	X
3.00	mg/L	WW	0.015		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.081		2	0.003	0.009	X
3.00	mg/L	WW	0.034		2	0.003	0.009	X
3.00	mg/L	WW	0.015		2	0.003	0.009	X
3.00	mg/L	WW	0.344		2	0.003	0.009	X
3.00	mg/L	WW	0.121		2	0.003	0.009	X
3.00	mg/L	WW	0.201		2	0.003	0.009	X
3.00	mg/L	WW	0.102		2	0.003	0.009	X
3.00	mg/L	WW	0.059		2	0.003	0.009	X
3.00	mg/L	WW	0.019		2	0.003	0.009	X
3.00	mg/L	WW	0.019		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.115		2	0.003	0.009	X
3.00	mg/L	WW	0.071		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.056		2	0.003	0.009	X
3.00	mg/L	WW	0.015		2	0.003	0.009	X
3.00	mg/L	WW	0.074		2	0.003	0.009	X
3.00	mg/L	WW	0.087		2	0.003	0.009	X
3.00	mg/L	WW	0.087		2	0.003	0.009	X
3.00	mg/L	WW	0.118		2	0.003	0.009	X
3.00	mg/L	WW	0.11770044		2	0.003	0.009	x
3.00	mg/L	WW	0.124		2	0.003	0.009	X

3.00	mg/L	WW	0.068		2	0.003	0.009	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.118		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.05		2	0.003	0.009	X
3.00	mg/L	WW	0.056		2	0.003	0.009	X
3.00	mg/L	WW	0.121		2	0.003	0.009	X
3.00	mg/L	WW	0.115		2	0.003	0.009	X
3.00	mg/L	WW	0.04		2	0.003	0.009	X
3.00	mg/L	WW	0.093		2	0.003	0.009	X
3.00	mg/L	WW	0.106		2	0.003	0.009	X
3.00	mg/L	WW	4.506		5	0.02	0.1	H
3.00	mg/L	WW	2.55		6	0.02	0.1	H
3.00	mg/L	WW	0.79912		5	0.02	0.1	H
3.00	mg/L	WW	33.182		6	0.02	0.1	H
3.00	mg/L	WW	31.933		6	0.02	0.1	H
3.00	mg/L	WW	22.2		6	0.02	0.1	H
3.00	mg/L	WW	4.793		5	0.02	0.1	H
3.00	mg/L	WW	3.482		5	0.02	0.1	H
3.00	mg/L	WW	0.478		4	0.02	0.1	H
3.00	mg/L	WW	4.417		5	0.02	0.1	H
3.00	mg/L	WW	0.416		4	0.02	0.1	H
3.00	mg/L	WW	2.984		5	0.02	0.1	H
3.00	mg/L	WW	5.52776		5	0.02	0.1	H
3.00	mg/L	WW	2.7118		5	0.02	0.1	H
3.00	mg/L	WW	7.465		5	0.02	0.1	H
3.00	mg/L	WW	5.615		5	0.02	0.1	H
3.00	mg/L	WW	5.725		5	0.02	0.1	H
3.00	mg/L	WW	7.934		5	0.02	0.1	H
3.00	mg/L	WW	2.591		4	0.02	0.1	H
3.00	mg/L	WW	6.968		5	0.02	0.1	H
3.00	mg/L	WW	2.379		5	0.02	0.1	H
3.00	mg/L	WW	8.39		5	0.02	0.1	H
3.00	mg/L	WW	3.149		5	0.02	0.1	H
3.00	mg/L	WW	8.708		5	0.02	0.1	H
3.00	mg/L	WW	5.649		5	0.02	0.1	H
3.00	mg/L	WW	2.643		5	0.02	0.1	H
3.00	mg/L	WW	5.603		5	0.02	0.1	H
3.00	mg/L	WW	4.55		5	0.02	0.1	H
3.00	mg/L	WW	9.183		5	0.02	0.1	H

3.00	mg/L	WW	9.183		5	0.02	0.1	H
3.00	mg/L	WW	5.649		5	0.02	0.1	H
3.00	mg/L	WW	15.92		4	0.02	0.1	H
3.00	mg/L	WW	10.102		6	0.02	0.1	H
3.00	mg/L	WW	6.586		4	0.02	0.1	X
3.00	mg/L	WW	4.481		4	0.02	0.1	X
3.00	mg/L	WW	0.096		4	0.02	0.05	H
3.00	mg/L	WW	0.175		4	0.02	0.05	H
3.00	mg/L	WW	0.018		4	0.02	0.05	H
3.00	mg/L	WW	0.26		2	0.02	0.05	H
3.00	mg/L	WW	0.264		4	0.02	0.05	H
3.00	mg/L	WW	0.302		4	0.02	0.05	H
3.00	mg/L	WW	0.515		4	0.02	0.05	H
3.00	mg/L	WW	0.114		4	0.02	0.05	H
3.00	mg/L	WW	0.11		4	0.02	0.05	H
3.00	mg/L	WW	-0.05		1	0.02	0.05	H
3.00	mg/L	WW	0.003		4	0.02	0.05	H
3.00	mg/L	WW	0.115		4	0.02	0.05	H
3.00	mg/L	WW	0.099		4	0.02	0.05	H
3.00	mg/L	WW	0.118		4	0.02	0.05	H
3.00	mg/L	WW	0.079		4	0.02	0.05	H
3.00	mg/L	WW	0.156		4	0.02	0.05	H
3.00	mg/L	WW	0.106		4	0.02	0.05	H
3.00	mg/L	WW	0.117		4	0.02	0.05	H
3.00	mg/L	WW	0.149		4	0.02	0.05	H
3.00	mg/L	WW	0.101		4	0.02	0.05	H
3.00	mg/L	WW	0.082		3	0.02	0.05	H
3.00	mg/L	WW	0.114893		4	0.02	0.05	H
3.00	mg/L	WW	0.063		4	0.02	0.05	H
3.00	mg/L	WW	0.104		4	0.02	0.05	H
3.00	mg/L	WW	0.111		4	0.02	0.05	H
3.00	mg/L	WW	0.114		4	0.02	0.05	H
3.00	mg/L	WW	0.11		2	0.02	0.05	H
3.00	mg/L	WW	0.118		3	0.02	0.05	H
3.00	mg/L	WW	0.08		4	0.02	0.05	H
3.00	mg/L	WW	0.095		4	0.02	0.05	H
3.00	mg/L	WW	0.138		4	0.02	0.05	H
3.00	mg/L	WW	0.109		4	0.02	0.05	H
3.00	mg/L	WW	0.165		4	0.02	0.05	H
3.00	mg/L	WW	0.107		4	0.02	0.05	H

3.00	mg/L	WW	0.137		4	0.02	0.05	H
2.00	mg/L	WW	3.861		5	0.02	0.1	H
2.00	mg/L	WW	1.99		5	0.02	0.1	H
2.00	mg/L	WW	0.629		4	0.02	0.1	H
2.00	mg/L	WW	30.91		6	0.02	0.1	H
2.00	mg/L	WW	31.795		6	0.02	0.1	H
2.00	mg/L	WW	31.795		6	0.02	0.1	H
2.00	mg/L	WW	33.061		5	0.02	0.1	H
2.00	mg/L	WW	54.152		6	0.02	0.1	H
2.00	mg/L	WW	3.287		4	0.02	0.1	H
2.00	mg/L	WW	2.977		5	0.02	0.1	H
2.00	mg/L	WW	0.446		3	0.02	0.1	H
2.00	mg/L	WW	0.426		4	0.02	0.1	H
2.00	mg/L	WW	3.03		5	0.02	0.1	H
2.00	mg/L	WW	2.473		4	0.02	0.1	H
2.00	mg/L	WW	3.04		5	0.02	0.1	H
2.00	mg/L	WW	2.127		5	0.02	0.1	H
2.00	mg/L	WW	1.715		5	0.02	0.1	H
2.00	mg/L	WW	1.468		4	0.02	0.1	H
2.00	mg/L	WW	3.518		5	0.02	0.1	H
2.00	mg/L	WW	2.266		5	0.02	0.1	H
2.00	mg/L	WW	2.221		5	0.02	0.1	H
2.00	mg/L	WW	1.293		5	0.02	0.1	H
2.00	mg/L	WW	2.554		5	0.02	0.1	H
2.00	mg/L	WW	2.277		5	0.02	0.1	H
2.00	mg/L	WW	2.259		5	0.02	0.1	H
2.00	mg/L	WW	2.802		5	0.02	0.1	H
2.00	mg/L	WW	3.926		5	0.02	0.1	H
2.00	mg/L	WW	3.244		5	0.02	0.1	H
2.00	mg/L	WW	3.476		5	0.02	0.1	H
2.00	mg/L	WW	2.172		5	0.02	0.1	H
2.00	mg/L	WW	2.899		4	0.02	0.1	H
2.00	mg/L	WW	1.892		5	0.02	0.1	H
2.00	mg/L	WW	1.514		5	0.02	0.1	H
2.00	mg/L	WW	2.768		5	0.02	0.1	H
2.00	mg/L	WW	2.693		5	0.02	0.1	H
2.00	mg/L	WW	2.299		5	0.02	0.1	H
2.00	mg/L	WW	2.789		5	0.02	0.1	H
2.00	mg/L	WW	0.099		4	0.02	0.05	H
2.00	mg/L	WW	0.067		4	0.02	0.05	H

2.00	mg/L	WW	0.013		4	0.02	0.05	H
2.00	mg/L	WW	0.328		4	0.02	0.05	H
3.00	mg/L	WW	0.282		4	0.02	0.05	H
2.00	mg/L	WW	0.223		3	0.02	0.05	H
2.00	mg/L	WW	0.482		4	0.02	0.05	H
2.00	mg/L	WW	0.134		4	0.02	0.05	H
2.00	mg/L	WW	0.051		4	0.02	0.05	H
2.00	mg/L	WW	-0.05		1	0.02	0.05	H
2.00	mg/L	WW	0.01		4	0.02	0.05	H
2.00	mg/L	WW	0.109		4	0.02	0.05	H
2.00	mg/L	WW	0.13		4	0.02	0.05	H
2.00	mg/L	WW	0.109		4	0.02	0.05	H
2.00	mg/L	WW	0.142		4	0.02	0.05	H
2.00	mg/L	WW	0.086		4	0.02	0.05	H
2.00	mg/L	WW	0.124		4	0.02	0.05	H
2.00	mg/L	WW	0.075		4	0.02	0.05	H
2.00	mg/L	WW	0.034		4	0.02	0.05	H
2.00	mg/L	WW	0.095		4	0.02	0.05	H
2.00	mg/L	WW	0.1		4	0.02	0.05	H
2.00	mg/L	ww	0.11923		4	0.02	0.05	H
2.00	mg/L	WW	0.062		4	0.02	0.05	H
2.00	mg/L	WW	0.079		4	0.02	0.05	H
2.00	mg/L	WW	0.087		4	0.02	0.05	H
2.00	mg/L	WW	0.116		4	0.02	0.05	H
2.00	mg/L	WW	0.109		4	0.02	0.05	H
2.00	mg/L	WW	0.073		4	0.02	0.05	H
2.00	mg/L	WW	0.146		4	0.02	0.05	H
2.00	mg/L	WW	0.116		4	0.02	0.05	H
2.00	mg/L	WW	0.113		4	0.02	0.05	H
2.00	mg/L	WW	0.047		4	0.02	0.05	H
2.00	mg/L	WW	0.102		4	0.02	0.05	H
0.00	mg/L	WW	6		2	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	8.7		2	0.5	5	X
0.00	mg/L	WW	7.7		2	0.5	5	X
0.00	mg/L	WW	22		3	0.5	5	X
0.00	mg/L	WW	270		3	0.5	5	X
0.00	mg/L	WW	66		3	0.5	5	X
0.00	mg/L	WW	12		3	0.5	5	X
0.00	mg/L	WW	10.3		3	0.5	5	X

0.00	mg/L	WW	42.3		3	0.5	5	X
0.00	mg/L	WW	4.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	10.3		3	0.5	5	X
0.00	mg/L	WW	4.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	9		2	0.5	5	X
0.00	mg/L	WW	13		3	0.5	5	X
0.00	mg/L	WW	10.3		3	0.5	5	X
0.00	mg/L	WW	10.7		3	0.5	5	X
0.00	mg/L	WW	9.7		2	0.5	5	X
0.00	mg/L	WW	7.3		2	0.5	5	X
0.00	mg/L	WW	7.7		2	0.5	5	X
0.00	mg/L	WW	34.3		3	0.5	5	X
0.00	mg/L	WW	5		2	0.5	5	X
0.00	mg/L	WW	47.3		3	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	9.1		2	0.5	5	X
0.00	mg/L	WW	8.3		2	0.5	5	X
0.00	mg/L	WW	11.7		3	0.5	5	X
0.00	mg/L	WW	12.3		3	0.5	5	X
0.00	mg/L	WW	41.7		3	0.5	5	X
0.00	mg/L	WW	9		2	0.5	5	X
0.00	mg/L	WW	8.3		2	0.5	5	X
0.00	mg/L	WW	10		3	0.5	5	X
0.00	mg/L	WW	8.7		2	0.5	5	X
0.00	mg/L	WW	6.3		2	0.5	5	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.024		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.359		2	0.001	0.004	X
3.00	mg/L	WW	0.339		2	0.001	0.004	X
3.00	mg/L	WW	0.052		2	0.001	0.004	X
3.00	mg/L	WW	0.63		2	0.001	0.004	X
3.00	mg/L	WW	0.063		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.025		2	0.001	0.004	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	1.3		2	1	1	X

0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/L	WW	-1	ND	1	1	1	X
0.00	mg/m3	WW	4.3		2	1	2	X
0.00	mg/m3	WW	16.6		3	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	26.2		3	1	2	X
0.00	mg/m3	WW	23.5		3	1	2	X
0.00	mg/m3	WW	30.4		3	1	2	X
0.00	mg/m3	WW	26.2		3	1	2	X
0.00	mg/m3	WW	4.8		2	1	2	X
0.00	mg/m3	WW	5.3		2	1	2	X
0.00	mg/m3	WW	7.5		2	1	2	X
0.00	mg/m3	WW	6.2		2	1	2	X
3.00	mg/L	WW	3.208		2	0.007	0.02	X
3.00	mg/L	WW	0.106		2	0.007	0.02	X
3.00	mg/L	WW	0.048		2	0.007	0.02	X
3.00	mg/L	WW	27.257		2	0.007	0.02	X
3.00	mg/L	WW	29.512		2	0.007	0.02	X
3.00	mg/L	WW	4.02		2	0.007	0.02	X
3.00	mg/L	WW	3.011		2	0.007	0.02	X
3.00	mg/L	WW	1.989		2	0.007	0.02	X
3.00	mg/L	WW	0.195		2	0.007	0.02	X
3.00	mg/L	WW	1.485		2	0.007	0.02	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.622		2	0.001	0.004	X
3.00	mg/L	WW	0.391		2	0.001	0.004	X
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.081		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X

3.00	mg/L	WW	0.015		2	0.003	0.009	X
3.00	mg/L	WW	0.062		2	0.003	0.009	X
3.00	mg/L	WW	0.266		2	0.003	0.009	X
3.00	mg/L	WW	0.204		2	0.003	0.009	X
3.00	mg/L	WW	0.04		2	0.003	0.009	X
3.00	mg/L	WW	0.056		2	0.003	0.009	X
3.00	mg/L	WW	0.142		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	4.062		4	0.02	0.1	H
3.00	mg/L	WW	10.14846		6	0.02	0.1	H
3.00	mg/L	WW	11.253		6	0.02	0.1	H
3.00	mg/L	WW	85.959		6	0.02	0.1	H
3.00	mg/L	WW	80.754		5	0.02	0.1	H
3.00	mg/L	WW	6.285		5	0.02	0.1	H
3.00	mg/L	WW	3.88		5	0.02	0.1	H
3.00	mg/L	WW	8.506		5	0.02	0.1	H
3.00	mg/L	WW	0.885		4	0.02	0.1	H
3.00	mg/L	WW	0.083		4	0.02	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.02	0.05	H
3.00	mg/L	WW	0.005		4	0.02	0.05	H
3.00	mg/L	WW	0.364		4	0.02	0.05	H
3.00	mg/L	WW	0.371		4	0.02	0.05	H
3.00	mg/L	WW	0.083		4	0.02	0.05	H
3.00	mg/L	WW	0.109		4	0.02	0.05	H
3.00	mg/L	WW	0.081		4	0.02	0.05	H
3.00	mg/L	WW	0.113		4	0.02	0.05	H
2.00	mg/L	WW	2.16		5	0.02	0.1	H
2.00	mg/L	WW	0.558		3	0.02	0.1	H
2.00	mg/L	WW	0.502		4	0.02	0.1	H
2.00	mg/L	WW	82.576		6	0.02	0.1	H
2.00	mg/L	WW	57.593		6	0.02	0.1	H
2.00	mg/L	WW	5.152		5	0.02	0.1	H
2.00	mg/L	WW	3.139		5	0.02	0.1	H
2.00	mg/L	WW	2.755		5	0.02	0.1	H
2.00	mg/L	WW	0.684		4	0.02	0.1	H
2.00	mg/L	WW	0.091		4	0.02	0.05	H
2.00	mg/L	WW	0.008		4	0.02	0.05	H
2.00	mg/L	WW	0.011		4	0.02	0.05	H
2.00	mg/L	WW	0.345		4	0.02	0.05	H
2.00	mg/L	WW	0.37		4	0.02	0.05	H

2.00	mg/L	WW	0.085		4	0.02	0.05	H
2.00	mg/L	WW	0.153		4	0.02	0.05	H
2.00	mg/L	WW	0.119		3	0.02	0.05	H
2.00	mg/L	WW	0.112		4	0.02	0.05	H
2.00	mg/L	WW	0.071		4	0.02	0.05	H
0.00	mg/L	WW	6		2	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	4.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	41		3	0.5	5	X
0.00	mg/L	WW	13.7		3	0.5	5	X
0.00	mg/L	WW	15.3		3	0.5	5	X
0.00	mg/L	WW	7.7		2	0.5	5	X
0.00	mg/L	WW	3.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	5.7		2	0.5	5	X
0.00	mg/L	WW	45		3	0.5	5	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.048		2	0.001	0.004	X
3.00	mg/L	WW	0.059		2	0.001	0.004	X
3.00	mg/L	WW	0.366		2	0.001	0.004	X
3.00	mg/L	WW	0.557		2	0.001	0.004	X
3.00	mg/L	WW	0.566		2	0.001	0.004	X
3.00	mg/L	WW	0.104		2	0.001	0.004	X
3.00	mg/L	WW	0.034		2	0.001	0.004	X
0.00	mg/L	WW	2.4		3	0.58	1	X
0.00	mg/L	WW	3.7		3	0.58	1	X
0.00	mg/L	WW	1.5		3	0.58	1	X
0.00	mg/L	WW	1.7		3	0.58	1	X
0.00	mg/L	WW	1.8		3	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	1.3		3	0.58	1	X
0.00	mg/L	WW	1.6		3	0.58	1	X
0.00	mg/L	WW	1.8		3	0.58	1	X
0.00	mg/m3	WW	14.8		3	1	2	X
0.00	mg/m3	WW	26.7		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	18.8		3	1	2	X
0.00	mg/m3	WW	15.2		3	1	2	X
0.00	mg/m3	WW	277.7		3	1	2	X
0.00	mg/m3	WW	189.6		3	1	2	X

0.00	mg/m3	WW	38.3		3	1	2	X
0.00	mg/m3	WW	10.7		3	1	2	X
3.00	mg/L	WW	0.796		2	0.007	0.02	X
3.00	mg/L	WW	0.02	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.452		2	0.007	0.02	X
3.00	mg/L	WW	37.3		2	0.007	0.02	X
3.00	mg/L	WW	33.868		2	0.007	0.02	X
3.00	mg/L	WW	35.857		2	0.007	0.02	X
3.00	mg/L	WW	0.597		2	0.007	0.02	X
3.00	mg/L	WW	0.587		2	0.007	0.02	X
3.00	mg/L	WW	0.01		2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	1.569		2	0.001	0.004	X
3.00	mg/L	WW	1.34		2	0.001	0.004	X
3.00	mg/L	WW	1.373		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X
3.00	mg/L	WW	0.074		2	0.003	0.009	X
3.00	mg/L	WW	0.431		2	0.003	0.009	X
3.00	mg/L	WW	0.607		2	0.003	0.009	X
3.00	mg/L	WW	0.644		2	0.003	0.009	X
3.00	mg/L	WW	0.022		2	0.003	0.009	X
3.00	mg/L	WW	0.05		2	0.003	0.009	X
3.00	mg/L	WW	10.684		6	0.02	0.1	H
3.00	mg/L	WW	8.215		5	0.02	0.1	H
3.00	mg/L	WW	3.8146		5	0.02	0.1	H
3.00	mg/L	WW	61.591		5	0.02	0.1	H
3.00	mg/L	WW	44.626		5	0.02	0.1	H
3.00	mg/L	WW	50.347		6	0.02	0.1	H
3.00	mg/L	WW	8.4293		5	0.02	0.1	H
3.00	mg/L	WW	0.115		4	0.02	0.05	H
3.00	mg/L	WW	0.016		4	0.02	0.05	H
3.00	mg/L	WW	0.088		4	0.02	0.05	H
3.00	mg/L	WW	0.477		4	0.02	0.05	H
3.00	mg/L	WW	0.749		4	0.02	0.05	H
3.00	mg/L	WW	0.688		4	0.02	0.05	H
3.00	mg/L	WW	0.132		3	0.02	0.05	H

2.00	mg/L	WW	1.168		5	0.02	0.1	H
2.00	mg/L	WW	0.548		4	0.02	0.1	H
2.00	mg/L	WW	0.889		4	0.02	0.1	H
2.00	mg/L	WW	24.636		6	0.02	0.1	H
2.00	mg/L	WW	42.907		6	0.02	0.1	H
2.00	mg/L	WW	40.991		6	0.02	0.1	H
2.00	mg/L	WW	0.809		4	0.02	0.1	H
2.00	mg/L	WW	0.557		4	0.02	0.1	H
2.00	mg/L	WW	0.153		4	0.02	0.05	H
2.00	mg/L	WW	0.05		2	0.02	0.05	H
2.00	mg/L	WW	0.114		3	0.02	0.05	H
2.00	mg/L	WW	0.758		4	0.02	0.05	H
2.00	mg/L	WW	0.7847		4	0.02	0.05	H
2.00	mg/L	WW	0.754		4	0.02	0.05	H
2.00	mg/L	WW	0.101		4	0.02	0.05	H
0.00	mg/L	WW	12		3	0.5	5	X
0.00	mg/L	WW	326		3	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	1538		3	0.5	5	X
0.00	mg/L	WW	1872		3	0.5	5	X
0.00	mg/L	WW	44.5		3	0.5	5	X
0.00	mg/L	WW	81.3		3	0.5	5	X
0.00	mg/L	WW	77		3	0.5	5	X
0.00	mg/L	WW	5.3		2	0.5	5	X
3.00	mg/L	WW	0.392		2	0.001	0.004	X
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.032		2	0.001	0.004	X
3.00	mg/L	WW	0.092		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
3.00	mg/L	WW	0.06		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	3.6		3	0.58	1	X
0.00	mg/L	WW	2.2		3	0.58	1	X
0.00	mg/L	WW	1.3		3	0.58	1	X
0.00	mg/L	WW	1.4		3	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	1		3	0.58	1	X

0.00	mg/L	WW	1		3	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/m3	WW	16		3	1	2	X
0.00	mg/m3	WW	16.9		3	1	2	X
0.00	mg/m3	WW	24		3	1	2	X
0.00	mg/m3	WW	16.5		3	1	2	X
0.00	mg/m3	WW	16.7		3	1	2	X
0.00	mg/m3	WW	14		3	1	2	X
0.00	mg/m3	WW	18.7		3	1	2	X
0.00	mg/m3	WW	14.7		3	1	2	X
0.00	mg/m3	WW	11.6		3	1	2	X
0.00	mg/m3	WW	12.5		3	1	2	X
3.00	mg/L	WW	0.738		2	0.007	0.02	X
3.00	mg/L	WW	0.013	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.102		2	0.007	0.02	X
3.00	mg/L	WW	0.57		2	0.007	0.02	X
3.00	mg/L	WW	0.721		2	0.007	0.02	X
3.00	mg/L	WW	0.532		2	0.007	0.02	X
3.00	mg/L	WW	0.576		2	0.007	0.02	X
3.00	mg/L	WW	0.524		2	0.007	0.02	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X
3.00	mg/L	WW	0.025		2	0.003	0.009	X
3.00	mg/L	WW	0.037		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.074		2	0.003	0.009	X
3.00	mg/L	WW	0.025		2	0.003	0.009	X
3.00	mg/L	WW	0.034		2	0.003	0.009	X
3.00	mg/L	WW	3.884		5	0.02	0.1	H
3.00	mg/L	WW	7.64		5	0.02	0.1	H
3.00	mg/L	WW	6.902		5	0.02	0.1	H
3.00	mg/L	WW	3.019		5	0.02	0.1	H

3.00	mg/L	WW	7.251		5	0.02	0.1	H
3.00	mg/L	WW	3.865		5	0.02	0.1	H
3.00	mg/L	WW	11.202		6	0.02	0.1	H
3.00	mg/L	WW	6.857		5	0.02	0.1	H
3.00	mg/L	WW	0.117		4	0.02	0.05	H
3.00	mg/L	WW	0.019		4	0.02	0.05	H
3.00	mg/L	WW	0.073		4	0.02	0.05	H
3.00	mg/L	WW	0.128		4	0.02	0.05	H
3.00	mg/L	WW	0.15		4	0.02	0.05	H
3.00	mg/L	WW	0.115		4	0.02	0.05	H
3.00	mg/L	WW	0.171		4	0.02	0.05	H
3.00	mg/L	WW	0.115		4	0.02	0.05	H
2.00	mg/L	WW	1.323		5	0.02	0.1	H
2.00	mg/L	WW	0.423		4	0.02	0.1	H
2.00	mg/L	WW	0.644		4	0.02	0.1	H
2.00	mg/L	WW	0.889		4	0.02	0.1	H
2.00	mg/L	WW	0.961		4	0.02	0.1	H
2.00	mg/L	WW	1.121		4	0.02	0.1	H
2.00	mg/L	WW	0.965		4	0.02	0.1	H
2.00	mg/L	WW	1.005		5	0.02	0.1	H
2.00	mg/L	WW	0.145		4	0.02	0.05	H
2.00	mg/L	WW	0.034		4	0.02	0.05	H
2.00	mg/L	WW	0.049		4	0.02	0.05	H
2.00	mg/L	WW	0.122		4	0.02	0.05	H
2.00	mg/L	WW	0.091		4	0.02	0.05	H
2.00	mg/L	WW	0.123		4	0.02	0.05	H
2.00	mg/L	WW	0.121		4	0.02	0.05	H
2.00	mg/L	WW	0.104		4	0.02	0.05	H
0.00	mg/L	WW	4.5	DNQ	2	0.5	5	X
0.00	mg/L	WW	6		2	0.5	5	X
0.00	mg/L	WW	12.2		3	0.5	5	X
0.00	mg/L	WW	20.5		3	0.5	5	X
0.00	mg/L	WW	7.8		2	0.5	5	X
0.00	mg/L	WW	7.2		2	0.5	5	X
0.00	mg/L	WW	3.9	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.2	DNQ	2	0.5	5	X
0.00	mg/L	WW	12.2		3	0.5	5	X
3.00	mg/L	WW	0.011		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X

3.00	mg/L	WW	0.034		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
3.00	mg/L	WW	0.022		2	0.001	0.004	X
3.00	mg/L	WW	0.071		2	0.001	0.004	X
3.00	mg/L	WW	0.045		2	0.001	0.004	X
0.00	mg/L	WW	2.72		3	2	2	X
0.00	mg/L	WW	2.3		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	18.2		3	1	2	X
0.00	mg/m3	WW	12.5		3	1	2	X
0.00	mg/m3	WW	16		3	1	2	X
0.00	mg/m3	WW	16		3	1	2	X
0.00	mg/m3	WW	14.2		3	1	2	X
0.00	mg/m3	WW	12		3	1	2	X
0.00	mg/m3	WW	13.8		3	1	2	X
3.00	mg/L	WW	0.678		2	0.007	0.02	X
3.00	mg/L	WW	0.007	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.059		2	0.007	0.02	X
3.00	mg/L	WW	0.49863852		2	0.007	0.02	X
3.00	mg/L	WW	0.49583718		2	0.007	0.02	X
3.00	mg/L	WW	0.55606599		2	0.007	0.02	X
3.00	mg/L	WW	0.48603249		2	0.007	0.02	X
3.00	mg/L	WW	0.44961507		2	0.007	0.02	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.00840402		2	0.001	0.004	X
3.00	mg/L	WW	0.00700335		2	0.001	0.004	X
3.00	mg/L	WW	0.00980469		2	0.001	0.004	X
3.00	mg/L	WW	0.00700335		2	0.001	0.004	X
3.00	mg/L	WW	0.00560268		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.003	0.009	X
3.00	mg/L	WW	0.012		2	0.003	0.009	X
3.00	mg/L	WW	0.01238952		2	0.003	0.009	X
3.00	mg/L	WW	0.08672664		2	0.003	0.009	X
3.00	mg/L	WW	0.0929214		2	0.003	0.009	X

3.00	mg/L	WW	0.08982402		2	0.003	0.009	X
3.00	mg/L	WW	0.05885022		2	0.003	0.009	X
3.00	mg/L	WW	0.10221354		2	0.003	0.009	X
3.00	mg/L	WW	3.697		5	0.02	0.1	H
3.00	mg/L	WW	4.715		5	0.02	0.1	H
3.00	mg/L	WW	8.632		5	0.02	0.1	H
3.00	mg/L	WW	6.366		5	0.02	0.1	H
3.00	mg/L	WW	7.838		5	0.02	0.1	H
3.00	mg/L	WW	4.022		5	0.02	0.1	H
3.00	mg/L	WW	13.209		6	0.02	0.1	H
3.00	mg/L	WW	3.451		5	0.02	0.1	H
3.00	mg/L	WW	0.117		4	0.02	0.05	H
3.00	mg/L	WW	0.017		4	0.02	0.05	H
3.00	mg/L	WW	0.036		4	0.02	0.05	H
3.00	mg/L	WW	0.124		4	0.02	0.05	H
3.00	mg/L	WW	0.125		4	0.02	0.05	H
3.00	mg/L	WW	0.121		4	0.02	0.05	H
3.00	mg/L	WW	0.144		4	0.02	0.05	H
3.00	mg/L	WW	0.112		4	0.02	0.05	H
2.00	mg/L	WW	1.251		4	0.02	0.1	H
2.00	mg/L	WW	0.577		4	0.02	0.1	H
2.00	mg/L	WW	0.489		4	0.02	0.1	H
2.00	mg/L	WW	0.997		4	0.02	0.1	H
2.00	mg/L	WW	0.893		4	0.02	0.1	H
2.00	mg/L	WW	0.902		3	0.02	0.1	H
2.00	mg/L	WW	0.915		4	0.02	0.1	H
2.00	mg/L	WW	0.93		4	0.02	0.1	H
2.00	mg/L	WW	0.125		4	0.02	0.05	H
2.00	mg/L	WW	0.026		4	0.02	0.05	H
2.00	mg/L	WW	0.038		4	0.02	0.05	H
2.00	mg/L	WW	0.127		4	0.02	0.05	H
2.00	mg/L	WW	0.133		3	0.02	0.05	H
2.00	mg/L	WW	0.145		4	0.02	0.05	H
2.00	mg/L	WW	0.113		4	0.02	0.05	H
2.00	mg/L	WW	0.155		4	0.02	0.05	H
0.00	mg/L	WW	5		2	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	4	DNQ	2	0.5	5	X
0.00	mg/L	WW	4.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	4.3	DNQ	2	0.5	5	X

0.00	mg/L	WW	3	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
3.00	mg/L	WW	0.018		2	0.001	0.004	X
3.00	mg/L	WW	0.052		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.025		2	0.001	0.004	X
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.014		2	0.001	0.004	X
3.00	mg/L	WW	0.015		2	0.001	0.004	X
3.00	mg/L	WW	0.059		2	0.001	0.004	X
3.00	mg/L	WW	0.049		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.001	0.004	X
3.00	mg/L	WW	0.05		2	0.001	0.004	X
3.00	mg/L	WW	0.046		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
3.00	mg/L	WW	0.041		2	0.001	0.004	X
3.00	mg/L	WW	0.021		2	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
3.00	mg/L	WW	0.022		2	0.001	0.004	X
3.00	mg/L	WW	0.031		2	0.001	0.004	X
3.00	mg/L	WW	0.036		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.027		2	0.001	0.004	X
3.00	mg/L	WW	0.027		2	0.001	0.004	X
3.00	mg/L	WW	0.02		2	0.001	0.004	X
3.00	mg/L	WW	0.034		2	0.001	0.004	X
3.00	mg/L	WW	0.021		2	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	13.4		3	1	2	X

0.00	mg/m3	WW	11.6		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	11.1		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	11.6		3	1	2	X
0.00	mg/m3	WW	10.7		3	1	2	X
0.00	mg/m3	WW	16		3	1	2	X
0.00	mg/m3	WW	9.3		2	1	2	X
0.00	mg/m3	WW	9.3		2	1	2	X
0.00	mg/m3	WW	32.9		3	1	2	X
0.00	mg/m3	WW	24.9		3	1	2	X
0.00	mg/m3	WW	15.4		3	1	2	X
0.00	mg/m3	WW	12.7		3	1	2	X
0.00	mg/m3	WW	14.2		3	1	2	X
0.00	mg/m3	WW	12.9		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	42.7		3	1	2	X
0.00	mg/m3	WW	11.1		3	1	2	X
0.00	mg/m3	WW	20		3	1	2	X
0.00	mg/m3	WW	19.6		3	1	2	X
0.00	mg/m3	WW	10.2		3	1	2	X
0.00	mg/m3	WW	11.1		3	1	2	X
0.00	mg/m3	WW	11.3		3	1	2	X
3.00	mg/L	WW	0.046		2	0.007	0.02	X
3.00	mg/L	WW	0.314		2	0.007	0.02	X
3.00	mg/L	WW	0.461		2	0.007	0.02	X
3.00	mg/L	WW	0.426		2	0.007	0.02	X
3.00	mg/L	WW	0.464		2	0.007	0.02	X
3.00	mg/L	WW	0.48		2	0.007	0.02	X
3.00	mg/L	WW	0.459		2	0.007	0.02	X
3.00	mg/L	WW	0.497		2	0.007	0.02	X
3.00	mg/L	WW	0.237		2	0.007	0.02	X
3.00	mg/L	WW	0.269		2	0.007	0.02	X
3.00	mg/L	WW	0.234		2	0.007	0.02	X
3.00	mg/L	WW	0.329		2	0.007	0.02	X
3.00	mg/L	WW	0.241		2	0.007	0.02	X
3.00	mg/L	WW	0.387		2	0.007	0.02	X
3.00	mg/L	WW	0.371		2	0.007	0.02	X
3.00	mg/L	WW	0.461		2	0.007	0.02	X
3.00	mg/L	WW	0.45		2	0.007	0.02	X

3.00	mg/L	WW	0.417		2	0.007	0.02	X
3.00	mg/L	WW	0.431		2	0.007	0.02	X
3.00	mg/L	WW	0.448		2	0.007	0.02	X
3.00	mg/L	WW	0.42		2	0.007	0.02	X
3.00	mg/L	WW	0.443		2	0.007	0.02	X
3.00	mg/L	WW	0.451		2	0.007	0.02	X
3.00	mg/L	WW	0.436		2	0.007	0.02	X
3.00	mg/L	WW	0.454		2	0.007	0.02	X
3.00	mg/L	WW	0.444		2	0.007	0.02	X
3.00	mg/L	WW	0.45		2	0.007	0.02	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.006		2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.022		2	0.003	0.009	X
3.00	mg/L	WW	0.09		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X

3.00	mg/L	WW	0.102		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.105		2	0.003	0.009	X
3.00	mg/L	WW	0.105		2	0.003	0.009	X
3.00	mg/L	WW	0.093		2	0.003	0.009	X
3.00	mg/L	WW	0.077		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.087		2	0.003	0.009	X
3.00	mg/L	WW	0.108		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.112		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.102		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.093		2	0.003	0.009	X
3.00	mg/L	WW	0.108		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.102		2	0.003	0.009	X
3.00	mg/L	WW	0.112		2	0.003	0.009	X
3.00	mg/L	WW	0.087		2	0.003	0.009	X
3.00	mg/L	WW	0.105		2	0.003	0.009	X
3.00	mg/L	WW	0.093		2	0.003	0.009	X
3.00	mg/L	WW	0.108		2	0.003	0.009	X
3.00	mg/L	WW	1.107		5	0.02	0.1	H
3.00	mg/L	WW	0.223		4	0.02	0.1	H
3.00	mg/L	WW	0.888		3	0.02	0.1	H
3.00	mg/L	WW	0.716		4	0.02	0.1	H
3.00	mg/L	WW	0.822		4	0.02	0.1	H
3.00	mg/L	WW	0.632		4	0.02	0.1	H
3.00	mg/L	WW	0.79		4	0.02	0.1	H
3.00	mg/L	WW	0.553		4	0.02	0.1	H
3.00	mg/L	WW	0.757		4	0.02	0.1	H
3.00	mg/L	WW	0.901		4	0.02	0.1	H
3.00	mg/L	WW	0.86		4	0.02	0.1	H
3.00	mg/L	WW	1.057		5	0.02	0.1	H
3.00	mg/L	WW	0.665		4	0.02	0.1	H
3.00	mg/L	WW	1.063		5	0.02	0.1	H
3.00	mg/L	WW	1.033		5	0.02	0.1	H
3.00	mg/L	WW	1.078		5	0.02	0.1	H

3.00	mg/L	WW	1.069		4	0.02	0.1	H
3.00	mg/L	WW	1.051		4	0.02	0.1	H
3.00	mg/L	WW	1.059		5	0.02	0.1	H
3.00	mg/L	WW	0.724		4	0.02	0.1	H
3.00	mg/L	WW	1.074		5	0.02	0.1	H
3.00	mg/L	WW	0.691		4	0.02	0.1	H
3.00	mg/L	WW	0.801		4	0.02	0.1	H
3.00	mg/L	WW	1.142		5	0.02	0.1	H
3.00	mg/L	WW	0.795		4	0.02	0.1	H
3.00	mg/L	WW	0.852		4	0.02	0.1	H
3.00	mg/L	WW	0.511		4	0.02	0.1	H
3.00	mg/L	WW	0.023		4	0.02	0.05	H
3.00	mg/L	WW	0.098		4	0.02	0.05	H
3.00	mg/L	WW	0.132		4	0.02	0.05	H
3.00	mg/L	WW	0.112		4	0.02	0.05	H
3.00	mg/L	WW	0.122		4	0.02	0.05	H
3.00	mg/L	WW	0.125		4	0.02	0.05	H
3.00	mg/L	WW	0.115		4	0.02	0.05	H
3.00	mg/L	WW	0.118		4	0.02	0.05	H
3.00	mg/L	WW	0.089		4	0.02	0.05	H
3.00	mg/L	WW	0.103		4	0.02	0.05	H
3.00	mg/L	WW	0.104		4	0.02	0.05	H
3.00	mg/L	WW	0.097		4	0.02	0.05	H
3.00	mg/L	WW	0.119		4	0.02	0.05	H
3.00	mg/L	WW	0.129		4	0.02	0.05	H
3.00	mg/L	WW	0.125		4	0.02	0.05	H
3.00	mg/L	WW	0.122		4	0.02	0.05	H
3.00	mg/L	WW	0.127		4	0.02	0.05	H
3.00	mg/L	WW	0.12		4	0.02	0.05	H
3.00	mg/L	WW	0.117		4	0.02	0.05	H
3.00	mg/L	WW	0.141		4	0.02	0.05	H
3.00	mg/L	WW	0.119		4	0.02	0.05	H
3.00	mg/L	WW	0.124		4	0.02	0.05	H
3.00	mg/L	WW	0.107		3	0.02	0.05	H
3.00	mg/L	WW	0.12		4	0.02	0.05	H
3.00	mg/L	WW	0.136		4	0.02	0.05	H
3.00	mg/L	WW	0.128		4	0.02	0.05	H
3.00	mg/L	WW	0.13		4	0.02	0.05	H
2.00	mg/L	WW	0.308		4	0.02	0.1	H
2.00	mg/L	WW	0.765		4	0.02	0.1	H

2.00	mg/L	WW	0.999		4	0.02	0.1	H
2.00	mg/L	WW	0.744		4	0.02	0.1	H
2.00	mg/L	WW	0.854		4	0.02	0.1	H
2.00	mg/L	WW	0.794		4	0.02	0.1	H
2.00	mg/L	WW	0.873		4	0.02	0.1	H
2.00	mg/L	WW	0.656		4	0.02	0.1	H
2.00	mg/L	WW	0.596		4	0.02	0.1	H
2.00	mg/L	WW	0.731		4	0.02	0.1	H
2.00	mg/L	WW	0.73		4	0.02	0.1	H
2.00	mg/L	WW	0.795		4	0.02	0.1	H
2.00	mg/L	WW	0.618		4	0.02	0.1	H
2.00	mg/L	WW	0.835		3	0.02	0.1	H
2.00	mg/L	WW	0.69		4	0.02	0.1	H
2.00	mg/L	WW	0.712		3	0.02	0.1	H
2.00	mg/L	WW	0.881		4	0.02	0.1	H
2.00	mg/L	WW	0.821		4	0.02	0.1	H
2.00	mg/L	WW	0.776		4	0.02	0.1	H
2.00	mg/L	WW	0.862		4	0.02	0.1	H
2.00	mg/L	WW	0.781		4	0.02	0.1	H
2.00	mg/L	WW	0.889		4	0.02	0.1	H
2.00	mg/L	WW	0.849		4	0.02	0.1	H
2.00	mg/L	WW	0.839		4	0.02	0.1	H
2.00	mg/L	WW	0.769		4	0.02	0.1	H
2.00	mg/L	WW	0.909		4	0.02	0.1	H
2.00	mg/L	WW	0.734		3	0.02	0.1	H
2.00	mg/L	WW	0.036		4	0.02	0.05	H
2.00	mg/L	WW	0.12		4	0.02	0.05	H
2.00	mg/L	WW	0.128		4	0.02	0.05	H
2.00	mg/L	WW	0.107		4	0.02	0.05	H
2.00	mg/L	WW	0.112		4	0.02	0.05	H
2.00	mg/L	WW	0.121		3	0.02	0.05	H
2.00	mg/L	WW	0.122		4	0.02	0.05	H
2.00	mg/L	WW	0.12		4	0.02	0.05	H
2.00	mg/L	WW	0.098		4	0.02	0.05	H
2.00	mg/L	WW	0.112		4	0.02	0.05	H
2.00	mg/L	WW	0.102		4	0.02	0.05	H
2.00	mg/L	WW	0.112		3	0.02	0.05	H
2.00	mg/L	WW	0.131		4	0.02	0.05	H
2.00	mg/L	WW	0.136		4	0.02	0.05	H
2.00	mg/L	WW	0.131		4	0.02	0.05	H

2.00	mg/L	WW	0.112		4	0.02	0.05	H
2.00	mg/L	WW	0.136		4	0.02	0.05	H
2.00	mg/L	WW	0.109		4	0.02	0.05	H
2.00	mg/L	WW	0.128		4	0.02	0.05	H
2.00	mg/L	WW	0.14		2	0.02	0.05	H
2.00	mg/L	WW	0.124		4	0.02	0.05	H
2.00	mg/L	WW	0.12		4	0.02	0.05	H
2.00	mg/L	WW	0.133		4	0.02	0.05	H
2.00	mg/L	WW	0.134		4	0.02	0.05	H
2.00	mg/L	WW	0.133		4	0.02	0.05	H
2.00	mg/L	WW	0.114		3	0.02	0.05	H
2.00	mg/L	WW	0.129		4	0.02	0.05	H
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	3	DNQ	2	0.5	5	X
0.00	mg/L	WW	0.7	DNQ	1	0.5	5	X
0.00	mg/L	WW	2.4	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.4	DNQ	2	0.5	5	X
0.00	mg/L	WW	1.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	5.4		2	0.5	5	X
0.00	mg/L	WW	2.1	DNQ	2	0.5	5	X
0.00	mg/L	WW	7.3		2	0.5	5	X
0.00	mg/L	WW	3.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.2	DNQ	2	0.5	5	X
0.00	mg/L	WW	2.8	DNQ	2	0.5	5	X
0.00	mg/L	WW	15		3	0.5	5	X
0.00	mg/L	WW	25.4		3	0.5	5	X
0.00	mg/L	WW	9		2	0.5	5	X
0.00	mg/L	WW	2.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	7.7		2	0.5	5	X
0.00	mg/L	WW	9.7		2	0.5	5	X
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	5.3		2	0.5	5	X
0.00	mg/L	WW	7.3		2	0.5	5	X
0.00	mg/L	WW	4.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	2.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	2	DNQ	2	0.5	5	X
0.00	mg/L	WW	2.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.4	DNQ	2	0.5	5	X

3.00	mg/L	WW	0.025		2	0.001	0.004	X
3.00	mg/L	WW	0.042		2	0.001	0.004	X
3.00	mg/L	WW	0.08		2	0.001	0.004	X
3.00	mg/L	WW	0.035		2	0.001	0.004	X
3.00	mg/L	WW	0.038		2	0.001	0.004	X
3.00	mg/L	WW	0.297		2	0.001	0.004	X
3.00	mg/L	WW	0.099		2	0.001	0.004	X
3.00	mg/L	WW	0.078		2	0.001	0.004	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	2.2		3	0.58	1	X
0.00	mg/L	WW	4		3	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/m3	WW	2.2		2	1	2	X
0.00	mg/m3	WW	11.6		3	1	2	X
0.00	mg/m3	WW	8		2	1	2	X
0.00	mg/m3	WW	10.7		3	1	2	X
0.00	mg/m3	WW	13		3	1	2	X
0.00	mg/m3	WW	9.3		2	1	2	X
0.00	mg/m3	WW	7.1		2	1	2	X
0.00	mg/m3	WW	20.9		3	1	2	X
0.00	mg/m3	WW	14.7		3	1	2	X
3.00	mg/L	WW	0.78717654		2	0.007	0.02	X
3.00	mg/L	WW	0.07283484		2	0.007	0.02	X
3.00	mg/L	WW	0.1960938		2	0.007	0.02	X
3.00	mg/L	WW	0.27733266		2	0.007	0.02	X
3.00	mg/L	WW	0.27032931		2	0.007	0.02	X
3.00	mg/L	WW	3.8798559		2	0.007	0.02	X
3.00	mg/L	WW	0.30254472		2	0.007	0.02	X
3.00	mg/L	WW	0.31094874		2	0.007	0.02	X
3.00	mg/L	WW	0.01120536		2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X
3.00	mg/L	WW	0.00700335		2	0.001	0.004	X
3.00	mg/L	WW	0.00560268		2	0.001	0.004	X
3.00	mg/L	WW	0.03781809		2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X

3.00	mg/L	WW	0.00560268		2	0.001	0.004	X
3.00	mg/L	WW	0.08672664		2	0.003	0.009	X
3.00	mg/L	WW	0.02477904		2	0.003	0.009	X
3.00	mg/L	WW	0.02168166		2	0.003	0.009	X
3.00	mg/L	WW	0.04336332		2	0.003	0.009	X
3.00	mg/L	WW	0.05265546		2	0.003	0.009	X
3.00	mg/L	WW	0.07433712		2	0.003	0.009	X
3.00	mg/L	WW	0.04026594		2	0.003	0.009	X
3.00	mg/L	WW	0.1084083		2	0.003	0.009	X
3.00	mg/L	WW	2.661		5	0.02	0.1	H
3.00	mg/L	WW	4.265		5	0.02	0.1	H
3.00	mg/L	WW	2.918		4	0.02	0.1	H
3.00	mg/L	WW	5.701		5	0.02	0.1	H
3.00	mg/L	WW	4.777		5	0.02	0.1	H
3.00	mg/L	WW	1.146		5	0.02	0.1	H
3.00	mg/L	WW	3.367		4	0.02	0.1	H
3.00	mg/L	WW	5.87		5	0.02	0.1	H
3.00	mg/L	WW	0.122		4	0.02	0.05	H
3.00	mg/L	WW	0.087		4	0.02	0.05	H
3.00	mg/L	WW	0.082		4	0.02	0.05	H
3.00	mg/L	WW	0.105		4	0.02	0.05	H
3.00	mg/L	WW	0.091		4	0.02	0.05	H
3.00	mg/L	WW	0.122		4	0.02	0.05	H
3.00	mg/L	WW	0.111		4	0.02	0.05	H
3.00	mg/L	WW	0.155		4	0.02	0.05	H
2.00	mg/L	WW	1.087		5	0.02	0.1	H
2.00	mg/L	WW	0.457		4	0.02	0.1	H
2.00	mg/L	WW	0.594		4	0.02	0.1	H
2.00	mg/L	WW	0.772		4	0.02	0.1	H
2.00	mg/L	WW	0.625		3	0.02	0.1	H
2.00	mg/L	WW	4.642		5	0.02	0.1	H
2.00	mg/L	WW	0.854		4	0.02	0.1	H
2.00	mg/L	WW	0.738		4	0.02	0.1	H
2.00	mg/L	WW	0.121		4	0.02	0.05	H
2.00	mg/L	WW	0.051		4	0.02	0.05	H
2.00	mg/L	WW	0.085		3	0.02	0.05	H
2.00	mg/L	WW	0.118		4	0.02	0.05	H
2.00	mg/L	WW	0.12		4	0.02	0.05	H
2.00	mg/L	WW	0.125		4	0.02	0.05	H
2.00	mg/L	WW	0.134		4	0.02	0.05	H

2.00	mg/L	WW	0.137		4	0.02	0.05	H
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	11.3		3	0.5	5	X
0.00	mg/L	WW	13.3		3	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	5.7		2	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	14		3	0.5	5	X
0.00	mg/L	WW	16.7		3	0.5	5	X
3.00	mg/L	WW	0.063		2	0.001	0.004	X
3.00	mg/L	WW	0.172		2	0.001	0.004	X
3.00	mg/L	WW	0.036		2	0.001	0.004	X
3.00	mg/L	WW	0.039		2	0.001	0.004	X
3.00	mg/L	WW	0.032		2	0.001	0.004	X
3.00	mg/L	WW	0.482		2	0.001	0.004	X
3.00	mg/L	WW	0.162		2	0.001	0.004	X
3.00	mg/L	WW	0.395		2	0.001	0.004	X
0.00	mg/L	WW	3.5		2	2	2	X
0.00	mg/L	WW	3.4		2	2	2	X
0.00	mg/L	WW	2.6		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/m3	WW	2.2		2	1	2	X
0.00	mg/m3	WW	9.8		2	1	2	X
0.00	mg/m3	WW	8.5		2	1	2	X
0.00	mg/m3	WW	14		3	1	2	X
0.00	mg/m3	WW	14.7		3	1	2	X
0.00	mg/m3	WW	13.4		3	1	2	X
0.00	mg/m3	WW	22.7		3	1	2	X
0.00	mg/m3	WW	53.8		3	1	2	X
0.00	mg/m3	WW	31.2		3	1	2	X
3.00	mg/L	WW	0.69893433		2	0.007	0.02	X
3.00	mg/L	WW	0.03641742		2	0.007	0.02	X
3.00	mg/L	WW	0.08263953		2	0.007	0.02	X
3.00	mg/L	WW	0.20309715		2	0.007	0.02	X
3.00	mg/L	WW	0.16107705		2	0.007	0.02	X

3.00	mg/L	WW	8.3479932		2	0.007	0.02	X
3.00	mg/L	WW	0.19469313		2	0.007	0.02	X
3.00	mg/L	WW	0.22690854		2	0.007	0.02	X
3.00	mg/L	WW	0.00840402		2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X
3.00	mg/L	WW	0.6022881		2	0.001	0.004	X
3.00	mg/L	WW	0.00420201		2	0.001	0.004	X
3.00	mg/L	WW	0.00560268		2	0.001	0.004	X
3.00	mg/L	WW	0.12079782		2	0.003	0.009	X
3.00	mg/L	WW	0.01858428		2	0.003	0.009	X
3.00	mg/L	WW	0.01858428		2	0.003	0.009	X
3.00	mg/L	WW	0.09911616		2	0.003	0.009	X
3.00	mg/L	WW	0.0929214		2	0.003	0.009	X
3.00	mg/L	WW	0.75266334		2	0.003	0.009	X
3.00	mg/L	WW	0.03407118		2	0.003	0.009	X
3.00	mg/L	WW	0.06504498		2	0.003	0.009	X
3.00	mg/L	WW	4.051		5	0.02	0.1	H
3.00	mg/L	WW	0.762		4	0.02	0.1	H
3.00	mg/L	WW	11.726		6	0.02	0.1	H
3.00	mg/L	WW	18.991		6	0.02	0.1	H
3.00	mg/L	WW	2.697		5	0.02	0.1	H
3.00	mg/L	WW	1.088		5	0.02	0.1	H
3.00	mg/L	WW	1.214		5	0.02	0.1	H
3.00	mg/L	WW	0.816		4	0.02	0.1	H
3.00	mg/L	WW	0.108		4	0.02	0.05	H
3.00	mg/L	WW	0.027		4	0.02	0.05	H
3.00	mg/L	WW	0.04		4	0.02	0.05	H
3.00	mg/L	WW	0.098		3	0.02	0.05	H
3.00	mg/L	WW	0.112		4	0.02	0.05	H
3.00	mg/L	WW	0.873		4	0.02	0.05	H
3.00	mg/L	WW	0.109		4	0.02	0.05	H
3.00	mg/L	WW	0.139		4	0.02	0.05	H
2.00	mg/L	WW	0.88		4	0.02	0.1	H
2.00	mg/L	WW	0.473		4	0.02	0.1	H
2.00	mg/L	WW	0.508		4	0.02	0.1	H
2.00	mg/L	WW	11.512		6	0.02	0.1	H
2.00	mg/L	WW	0.694		4	0.02	0.1	H

2.00	mg/L	WW	0.526		4	0.02	0.1	H
2.00	mg/L	WW	0.598		4	0.02	0.1	H
2.00	mg/L	WW	0.692		3	0.02	0.1	H
2.00	mg/L	WW	0.141		3	0.02	0.05	H
2.00	mg/L	WW	0.046		4	0.02	0.05	H
2.00	mg/L	WW	0.062		4	0.02	0.05	H
2.00	mg/L	WW	0.893		4	0.02	0.05	H
2.00	mg/L	WW	0.104		4	0.02	0.05	H
2.00	mg/L	WW	0.138		4	0.02	0.05	H
2.00	mg/L	WW	0.14		4	0.02	0.05	H
2.00	mg/L	WW	0.158		4	0.02	0.05	H
0.00	mg/L	WW	1.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	8.3		2	0.5	5	X
0.00	mg/L	WW	6.7		2	0.5	5	X
0.00	mg/L	WW	4.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	3.7	DNQ	2	0.5	5	X
0.00	mg/L	WW	4.3	DNQ	2	0.5	5	X
0.00	mg/L	WW	67.2		3	0.5	5	X
0.00	mg/L	WW	184.3		3	0.5	5	X
0.00	mg/L	WW	45.7		3	0.5	5	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.252		2	0.001	0.004	X
3.00	mg/L	WW	1.07		2	0.001	0.004	X
3.00	mg/L	WW	0.148		2	0.001	0.004	X
3.00	mg/L	WW	0.289		2	0.001	0.004	X
3.00	mg/L	WW	0.049		2	0.001	0.004	X
3.00	mg/L	WW	0.217		2	0.001	0.004	X
3.00	mg/L	WW	0.004		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	2.6		2	2	2	X
0.00	mg/L	WW	3.3		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	2.4		2	2	2	X
0.00	mg/L	WW	-2	ND	1	2	2	X
0.00	mg/L	WW	-0.58	ND	2	0.58	1	X
0.00	mg/m3	WW	2.7		2	1	2	X
0.00	mg/m3	WW	6.2		2	1	2	X
0.00	mg/m3	WW	7.6		2	1	2	X
0.00	mg/m3	WW	28.7		3	1	2	X

0.00	mg/m3	WW	27.4		3	1	2	X
0.00	mg/m3	WW	30		3	1	2	X
0.00	mg/m3	WW	48.1		3	1	2	X
0.00	mg/m3	WW	14.2		3	1	2	X
0.00	mg/m3	WW	14.7		3	1	2	X
3.00	mg/L	WW	0.73675242		2	0.007	0.02	X
3.00	mg/L	WW	0.06443082		2	0.007	0.02	X
3.00	mg/L	WW	0.076		2	0.007	0.02	X
3.00	mg/L	WW	0.153		2	0.007	0.02	X
3.00	mg/L	WW	4.118		2	0.007	0.02	X
3.00	mg/L	WW	0.059		2	0.007	0.02	X
3.00	mg/L	WW	0.213		2	0.007	0.02	X
3.00	mg/L	WW	0.052		2	0.007	0.02	X
3.00	mg/L	WW	0.01120536		2	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.007		2	0.001	0.004	X
3.00	mg/L	WW	0.2		2	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.008		2	0.001	0.004	X
3.00	mg/L	WW	0.09911616		2	0.003	0.009	X
3.00	mg/L	WW	0.025		2	0.003	0.009	X
3.00	mg/L	WW	0.025		2	0.003	0.009	X
3.00	mg/L	WW	0.031		2	0.003	0.009	X
3.00	mg/L	WW	0.353		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.099		2	0.003	0.009	X
3.00	mg/L	WW	0.121		2	0.003	0.009	X
3.00	mg/L	WW	4.67		5	0.02	0.1	H
3.00	mg/L	WW	1.233		5	0.02	0.1	H
3.00	mg/L	WW	1.001		5	0.02	0.1	H
3.00	mg/L	WW	1.491		5	0.02	0.1	H
3.00	mg/L	WW	6.541		5	0.02	0.1	H
3.00	mg/L	WW	3.68		3	0.02	0.1	H
3.00	mg/L	WW	1.824		5	0.02	0.1	H
3.00	mg/L	WW	0.414		4	0.02	0.1	H
3.00	mg/L	WW	0.137		4	0.02	0.05	H
3.00	mg/L	WW	0.037		4	0.02	0.05	H
3.00	mg/L	WW	0.025		4	0.02	0.05	H

3.00	mg/L	WW	0.084		4	0.02	0.05	H
3.00	mg/L	WW	0.363		4	0.02	0.05	H
3.00	mg/L	WW	0.24		4	0.02	0.05	H
3.00	mg/L	WW	0.12		4	0.02	0.05	H
3.00	mg/L	WW	0.081		4	0.02	0.05	H
2.00	mg/L	WW	1.02		5	0.02	0.1	H
2.00	mg/L	WW	0.526		4	0.02	0.1	H
2.00	mg/L	WW	0.48		4	0.02	0.1	H
2.00	mg/L	WW	0.799		4	0.02	0.1	H
2.00	mg/L	WW	5.583		5	0.02	0.1	H
2.00	mg/L	WW	0.655		4	0.02	0.1	H
2.00	mg/L	WW	0.454		4	0.02	0.1	H
2.00	mg/L	WW	0.468		4	0.02	0.1	H
2.00	mg/L	WW	0.106		4	0.02	0.05	H
2.00	mg/L	WW	0.045		4	0.02	0.05	H
2.00	mg/L	WW	0.05		2	0.02	0.05	H
2.00	mg/L	WW	0.101		4	0.02	0.05	H
2.00	mg/L	WW	0.411		4	0.02	0.05	H
2.00	mg/L	WW	0.194		4	0.02	0.05	H
2.00	mg/L	WW	0.14		4	0.02	0.05	H
2.00	mg/L	WW	0.118		4	0.02	0.05	H
0.00	mg/L	WW	1	DNQ	2	0.5	5	X
0.00	mg/L	WW	6		2	0.5	5	X
0.00	mg/L	WW	8		2	0.5	5	X
0.00	mg/L	WW	4	DNQ	2	0.5	5	X
0.00	mg/L	WW	69.7		3	0.5	5	X
0.00	mg/L	WW	115		3	0.5	5	X
0.00	mg/L	WW	5.3		2	0.5	5	X
0.00	mg/L	WW	3.3	DNQ	2	0.5	5	X
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	0.112056		2	0.001	0.004	H
3.00	mg/L	WW	1.568784		2	0.001	0.004	H
3.00	mg/L	WW	0.0532266		2	0.001	0.004	H
3.00	mg/L	WW	0.0756378			0.001	0.004	H
3.00	mg/L	WW	0.0364182		2	0.001	0.004	H
3.00	mg/L	WW	1.498749		2	0.001	0.004	H
3.00	mg/L	WW	0.0644322		2	0.001	0.004	H
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X

0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	12.3			1	2	X
0.00	mg/m3	WW	11.7			1	2	X
0.00	mg/m3	WW	12.5			1	2	X
0.00	mg/m3	WW	10.2			1	2	X
0.00	mg/m3	WW	12.9			1	2	X
0.00	mg/m3	WW	14.7			1	2	X
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	0.0112056	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	0.0168084	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	2.885442		2	0.007	0.02	H
3.00	mg/L	WW	2.9190588		2	0.007	0.02	H
3.00	mg/L	WW	0.5294646		2	0.007	0.02	H
3.00	mg/L	WW	0.028014		2	0.007	0.02	H
3.00	mg/L	WW	0.0154077	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	0.0042021		1	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0504252		2	0.001	0.004	H
3.00	mg/L	WW	0.0504252		2	0.001	0.004	H
3.00	mg/L	WW	0.0238119		2	0.001	0.004	H
3.00	mg/L	WW	0.0070035		2	0.001	0.004	H
3.00	mg/L	WW	0.0098049		2	0.001	0.004	H
3.00	mg/L	WW	0.0867272		2	0.003	0.009	H
3.00	mg/L	WW	0.015487		2	0.003	0.009	H
3.00	mg/L	WW	0.0340714		2	0.003	0.009	H
3.00	mg/L	WW	0.0588506		2	0.003	0.009	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	H
3.00	mg/L	WW	0.0588506		2	0.003	0.009	H
3.00	mg/L	WW	0.0867272		2	0.003	0.009	H
3.00	mg/L	WW	10.1007		6	0.0028	0.1	H
3.00	mg/L	WW	2.414		4	0.0028	0.1	H
3.00	mg/L	WW	3.1693		5	0.0028	0.1	H
3.00	mg/L	WW	5.798		4	0.0028	0.1	H

3.00	mg/L	WW	12.3167		6	0.0028	0.1	H
3.00	mg/L	WW	4.8358		5	0.0028	0.1	H
3.00	mg/L	WW	3.2341		5	0.0028	0.1	H
3.00	mg/L	WW	14.8044		6	0.0028	0.1	H
3.00	mg/L	WW	0.085		3	0.0021	0.05	H
3.00	mg/L	WW	0.0144		4	0.0021	0.05	H
3.00	mg/L	WW	0.0028		4	0.0021	0.05	H
3.00	mg/L	WW	0.19		2	0.0021	0.05	H
3.00	mg/L	WW	0.1633		4	0.0021	0.05	H
3.00	mg/L	WW	0.0765		4	0.0021	0.05	H
3.00	mg/L	WW	0.2376		4	0.0021	0.05	H
3.00	mg/L	WW	0.2058		4	0.0021	0.05	H
2.00	mg/L	WW	0.3613		4	0.0028	0.1	H
2.00	mg/L	WW	0.1943		4	0.0028	0.1	H
2.00	mg/L	WW	0.2291		4	0.0028	0.1	H
2.00	mg/L	WW	4.4332		5	0.0028	0.1	H
2.00	mg/L	WW	4.1312		5	0.0028	0.1	H
2.00	mg/L	WW	1.06		3	0.0028	0.1	H
2.00	mg/L	WW	0.6662		4	0.0028	0.1	H
2.00	mg/L	WW	0.6614		4	0.0028	0.1	H
2.00	mg/L	WW	0.2044		4	0.0021	0.05	H
2.00	mg/L	WW	0.0091		4	0.0021	0.05	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.2165		4	0.0021	0.05	H
2.00	mg/L	WW	0.1507		4	0.0021	0.05	H
2.00	mg/L	WW	0.0928		4	0.0021	0.05	H
2.00	mg/L	WW	0.2478		4	0.0021	0.05	H
2.00	mg/L	WW	0.232		3	0.0021	0.05	H
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	7			0.5	5	X
0.00	mg/L	WW	7.7			0.5	5	X
0.00	mg/L	WW	7.8			0.5	5	X
0.00	mg/L	WW	10.3			0.5	5	X
0.00	mg/L	WW	9			0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
3.00	mg/L	WW	0.0112056		2	0.001	0.004	H
3.00	mg/L	WW	0.0392196		2	0.001	0.004	H
3.00	mg/L	WW	0.3627813		2	0.001	0.004	H
3.00	mg/L	WW	0.056028		2	0.001	0.004	H

3.00	mg/L	WW	0.0462231		2	0.001	0.004	H
3.00	mg/L	WW	0.0742371		2	0.001	0.004	H
3.00	mg/L	WW	0.1092546		2	0.001	0.004	H
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	5.8			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X
0.00	mg/m3	WW	25.2			1	2	X
0.00	mg/m3	WW	7.6			1	2	X
0.00	mg/m3	WW	18.9			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	17.8			1	2	X
0.00	mg/m3	WW	16.9			1	2	X
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	1.7970981		2	0.007	0.02	H
3.00	mg/L	WW	2.003001		2	0.007	0.02	H
3.00	mg/L	WW	1.428714		2	0.007	0.02	H
3.00	mg/L	WW	0.0518259		2	0.007	0.02	H
3.00	mg/L	WW	0.0378189		2	0.007	0.02	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0476238		2	0.001	0.004	H
3.00	mg/L	WW	0.0490245		2	0.001	0.004	H
3.00	mg/L	WW	0.0336168		2	0.001	0.004	H
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	0.0092922		1	0.003	0.009	H
3.00	mg/L	WW	0.0092922		1	0.003	0.009	H
3.00	mg/L	WW	0.0371688		2	0.003	0.009	H
3.00	mg/L	WW	0.0991168		2	0.003	0.009	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	H
3.00	mg/L	WW	0.1053116		2	0.003	0.009	H
3.00	mg/L	WW	0.077435		2	0.003	0.009	H
3.00	mg/L	WW	11.9114		6	0.0028	0.1	H

3.00	mg/L	WW	6.263		4	0.0028	0.1	H
3.00	mg/L	WW	6.2155		5	0.0028	0.1	H
3.00	mg/L	WW	3.6367		5	0.0028	0.1	H
3.00	mg/L	WW	4.1607		5	0.0028	0.1	H
3.00	mg/L	WW	12.2747		6	0.0028	0.1	H
3.00	mg/L	WW	1.4704		5	0.0028	0.1	H
3.00	mg/L	WW	0.0161		4	0.0021	0.05	H
3.00	mg/L	WW	0.0006		4	0.0021	0.05	H
3.00	mg/L	WW	0.1427		4	0.0021	0.05	H
3.00	mg/L	WW	0.1385		4	0.0021	0.05	H
3.00	mg/L	WW	0.1091		4	0.0021	0.05	H
3.00	mg/L	WW	0.2198		4	0.0021	0.05	H
3.00	mg/L	WW	0.2082		4	0.0021	0.05	H
2.00	mg/L	WW	0.1581		4	0.0028	0.1	H
2.00	mg/L	WW	0.1273		4	0.0028	0.1	H
2.00	mg/L	WW	2.9597		5	0.0028	0.1	H
2.00	mg/L	WW	3.317		4	0.0028	0.1	H
2.00	mg/L	WW	2.6773		5	0.0028	0.1	H
2.00	mg/L	WW	0.6935		4	0.0028	0.1	H
2.00	mg/L	WW	0.7236		4	0.0028	0.1	H
2.00	mg/L	WW	0.0006		4	0.0021	0.05	H
2.00	mg/L	WW	0.0284		4	0.0021	0.05	H
2.00	mg/L	WW	0.1308		4	0.0021	0.05	H
2.00	mg/L	WW	0.1507		4	0.0021	0.05	H
2.00	mg/L	WW	0.2447		4	0.0021	0.05	H
2.00	mg/L	WW	0.2142		4	0.0021	0.05	H
2.00	mg/L	WW	0.1935		4	0.0021	0.05	H
0.00	mg/L	WW	2	DNQ		0.5	5	X
0.00	mg/L	WW	5.5			0.5	5	X
0.00	mg/L	WW	15			0.5	5	X
0.00	mg/L	WW	14.8			0.5	5	X
0.00	mg/L	WW	10.8			0.5	5	X
0.00	mg/L	WW	27.3			0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	6.8			0.5	5	X
3.00	mg/L	WW	0.0476238		2	0.001	0.004	H
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	0.0770385		2	0.001	0.004	H
3.00	mg/L	WW	0.0784392		2	0.001	0.004	H
3.00	mg/L	WW	0.056028		2	0.001	0.004	H

3.00	mg/L	WW	0.1162581		2	0.001	0.004	H
3.00	mg/L	WW	0.0266133		2	0.001	0.004	H
0.00	mg/L	WW	2.5			2	2	X
0.00	mg/L	WW	2.4			2	2	X
0.00	mg/L	WW	2.6			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	5.7			2	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	5.8			1	2	X
0.00	mg/m3	WW	7.3			1	2	X
0.00	mg/m3	WW	6.7			1	2	X
0.00	mg/m3	WW	8			1	2	X
0.00	mg/m3	WW	7.7			1	2	X
0.00	mg/m3	WW	14.2			1	2	X
3.00	mg/L	WW	0.014007	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.8698347		2	0.007	0.02	H
3.00	mg/L	WW	0.8726361		2	0.007	0.02	H
3.00	mg/L	WW	0.2325162		2	0.007	0.02	H
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	0.0392196		2	0.007	0.02	H
3.00	mg/L	WW	0.0014007	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0378189		2	0.001	0.004	H
3.00	mg/L	WW	0.0392196		2	0.001	0.004	H
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	0.0056028		1	0.001	0.004	H
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	0.0092922		1	0.003	0.009	H
3.00	mg/L	WW	0.015487		2	0.003	0.009	H
3.00	mg/L	WW	0.0867272		2	0.003	0.009	H
3.00	mg/L	WW	0.1300908		2	0.003	0.009	H
3.00	mg/L	WW	0.0247792		2	0.003	0.009	H
3.00	mg/L	WW	0.2106232		2	0.003	0.009	H
3.00	mg/L	WW	0.1115064		2	0.003	0.009	H
3.00	mg/L	WW	3.2429		5	0.0028	0.1	H
3.00	mg/L	WW	2.3167		5	0.0028	0.1	H

3.00	mg/L	WW	2.5561		5	0.0028	0.1	H
3.00	mg/L	WW	2.7544		5	0.0028	0.1	H
3.00	mg/L	WW	1.2039		5	0.0028	0.1	H
3.00	mg/L	WW	1.067		4	0.0028	0.1	H
3.00	mg/L	WW	2.2811		5	0.0028	0.1	H
3.00	mg/L	WW	0.0058		4	0.0021	0.05	H
3.00	mg/L	WW	0.0067		4	0.0021	0.05	H
3.00	mg/L	WW	0.1504		4	0.0021	0.05	H
3.00	mg/L	WW	0.1533		4	0.0021	0.05	H
3.00	mg/L	WW	0.0745		4	0.0021	0.05	H
3.00	mg/L	WW	0.2687		4	0.0021	0.05	H
3.00	mg/L	WW	0.1885		4	0.0021	0.05	H
2.00	mg/L	WW	0.199		3	0.0028	0.1	H
2.00	mg/L	WW	0.1451		4	0.0028	0.1	H
2.00	mg/L	WW	1.5059		5	0.0028	0.1	H
2.00	mg/L	WW	1.686		4	0.0028	0.1	H
2.00	mg/L	WW	0.7183		4	0.0028	0.1	H
2.00	mg/L	WW	0.8782		4	0.0028	0.1	H
2.00	mg/L	WW	1.124		4	0.0028	0.1	H
2.00	mg/L	WW	0.021		3	0.0021	0.05	H
2.00	mg/L	WW	0.0128		4	0.0021	0.05	H
2.00	mg/L	WW	0.0885		4	0.0021	0.05	H
2.00	mg/L	WW	0.2398		4	0.0021	0.05	H
2.00	mg/L	WW	0.184		3	0.0021	0.05	H
2.00	mg/L	WW	0.3517		4	0.0021	0.05	H
2.00	mg/L	WW	0.2111		4	0.0021	0.05	H
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	21.3			0.5	5	X
0.00	mg/L	WW	14.8			0.5	5	X
0.00	mg/L	WW	20.8			0.5	5	X
0.00	mg/L	WW	56.3			0.5	5	X
0.00	mg/L	WW	7			0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
3.00	mg/L	WW	0.0112056		2	0.001	0.004	H
3.00	mg/L	WW	0.1792896		2	0.001	0.004	H
3.00	mg/L	WW	0.0350175		2	0.001	0.004	H
3.00	mg/L	WW	0.6219108		2	0.001	0.004	H
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	1.484742		2	0.001	0.004	H

3.00	mg/L	WW	0.0126063		2	0.001	0.004	H
3.00	mg/L	WW	0.2409204		2	0.001	0.004	H
3.00	mg/L	WW	0.0098049		2	0.001	0.004	H
3.00	mg/L	WW	1.1723859		2	0.001	0.004	H
3.00	mg/L	WW	0.014007		2	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0084042		1	0.001	0.004	H
3.00	mg/L	WW	0.0434217		2	0.001	0.004	H
3.00	mg/L	WW	0.0294147		2	0.001	0.004	H
3.00	mg/L	WW	0.1652826		2	0.001	0.004	H
3.00	mg/L	WW	0.0392196		2	0.001	0.004	H
3.00	mg/L	WW	0.0448224		2	0.001	0.004	H
3.00	mg/L	WW	0.2675337		2	0.001	0.004	H
3.00	mg/L	WW	0.0588294		2	0.001	0.004	H
3.00	mg/L	WW	0.6205101		2	0.001	0.004	H
3.00	mg/L	WW	0.6485241		2	0.001	0.004	H
3.00	mg/L	WW	0.3711855		2	0.001	0.004	H
3.00	mg/L	WW	0.0966483		2	0.001	0.004	H
3.00	mg/L	WW	0.0854427		2	0.001	0.004	H
3.00	mg/L	WW	0.0826413		2	0.001	0.004	H
3.00	mg/L	WW	0.0644322		2	0.001	0.004	H
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	6.4			1	2	X
0.00	mg/m3	WW	4.8			1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	8.9			1	2	X
0.00	mg/m3	WW	13.4			1	2	X
0.00	mg/m3	WW	12			1	2	X
0.00	mg/m3	WW	14.7			1	2	X
0.00	mg/m3	WW	12.9			1	2	X
0.00	mg/m3	WW	14.7			1	2	X
0.00	mg/m3	WW	7.1			1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	6.2			1	2	X

0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	15.5			1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	9.3			1	2	X
0.00	mg/m3	WW	4.9			1	2	X
0.00	mg/m3	WW	8.4			1	2	X
0.00	mg/m3	WW	8			1	2	X
0.00	mg/m3	WW	6.7			1	2	X
0.00	mg/m3	WW	10.2			1	2	X
0.00	mg/m3	WW	11.1			1	2	X
0.00	mg/m3	WW	10.1			1	2	X
0.00	mg/m3	WW	8.5			1	2	X
0.00	mg/m3	WW	13.8			1	2	X
0.00	mg/m3	WW	12			1	2	X
0.00	mg/m3	WW	16.9			1	2	X
0.00	mg/m3	WW	9.3			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
3.00	mg/L	WW	0.1330665		2	0.007	0.02	H
3.00	mg/L	WW	0.0182091	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.2353176		2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.2829414		2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.2353176		2	0.007	0.02	H
3.00	mg/L	WW	0.2871435		2	0.007	0.02	H
3.00	mg/L	WW	0.0224112		2	0.007	0.02	H
3.00	mg/L	WW	0.084042		2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.126063		2	0.007	0.02	H
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.0994497		2	0.007	0.02	H
3.00	mg/L	WW	0.0336168		2	0.007	0.02	H
3.00	mg/L	WW	0.0994497		2	0.007	0.02	H
3.00	mg/L	WW	0.112056		2	0.007	0.02	H
3.00	mg/L	WW	0.0938469		2	0.007	0.02	H
3.00	mg/L	WW	0.2885442		2	0.007	0.02	H
3.00	mg/L	WW	0.0868434		2	0.007	0.02	H
3.00	mg/L	WW	0.014007	DNQ	2	0.007	0.02	H
3.00	mg/L	WW	0.1526763		2	0.007	0.02	H

3.00	mg/L	WW	0.1386693		2	0.007	0.02	H
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	0.2199099		2	0.007	0.02	H
3.00	mg/L	WW	0.0070035		1	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0042021		1	0.001	0.004	H
3.00	mg/L	WW	0.0182091		2	0.001	0.004	H
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	0.0196098		2	0.001	0.004	H
3.00	mg/L	WW	0.0042021		1	0.001	0.004	H
3.00	mg/L	WW	0.0196098		2	0.001	0.004	H
3.00	mg/L	WW	0.0126063		2	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0084042		1	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0126063		2	0.001	0.004	H
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	H
3.00	mg/L	WW	0.0210105		2	0.001	0.004	H
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	0.0210105		2	0.001	0.004	H
3.00	mg/L	WW	0.0252126		2	0.001	0.004	H
3.00	mg/L	WW	0.0056028		1	0.001	0.004	H
3.00	mg/L	WW	0.028014		2	0.001	0.004	H
3.00	mg/L	WW	0.0070035		1	0.001	0.004	H
3.00	mg/L	WW	0.0098049		2	0.001	0.004	H
3.00	mg/L	WW	0.0126063		2	0.001	0.004	H
3.00	mg/L	WW	0.0112056		2	0.001	0.004	H
3.00	mg/L	WW	0.0070035		1	0.001	0.004	H
3.00	mg/L	WW	0.0070035		1	0.001	0.004	H
3.00	mg/L	WW	0.0168084		2	0.001	0.004	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	H
3.00	mg/L	WW	0.0061948	DNQ	1	0.003	0.009	H
3.00	mg/L	WW	0.2725712		2	0.003	0.009	H
3.00	mg/L	WW	0.0681428		2	0.003	0.009	H
3.00	mg/L	WW	0.2756686		2	0.003	0.009	H
3.00	mg/L	WW	0.0836298		2	0.003	0.009	H
3.00	mg/L	WW	0.2818634		2	0.003	0.009	H
3.00	mg/L	WW	0.0650454		2	0.003	0.009	H
3.00	mg/L	WW	0.0526558		2	0.003	0.009	H

3.00	mg/L	WW	0.0278766		2	0.003	0.009	H
3.00	mg/L	WW	0.0681428		2	0.003	0.009	H
3.00	mg/L	WW	0.0123896		2	0.003	0.009	H
3.00	mg/L	WW	0.0712402		2	0.003	0.009	H
3.00	mg/L	WW	0.0185844		2	0.003	0.009	H
3.00	mg/L	WW	0.1610648		2	0.003	0.009	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	H
3.00	mg/L	WW	0.1269934		2	0.003	0.009	H
3.00	mg/L	WW	0.1672596		2	0.003	0.009	H
3.00	mg/L	WW	0.0402662		2	0.003	0.009	H
3.00	mg/L	WW	0.1920388		2	0.003	0.009	H
3.00	mg/L	WW	0.0433636		2	0.003	0.009	H
3.00	mg/L	WW	0.0743376		2	0.003	0.009	H
3.00	mg/L	WW	0.0371688		2	0.003	0.009	H
3.00	mg/L	WW	0.2415972		2	0.003	0.009	H
3.00	mg/L	WW	0.030974		2	0.003	0.009	X
3.00	mg/L	WW	0.247792		2	0.003	0.009	H
3.00	mg/L	WW	0.1827466		2	0.003	0.009	H
3.00	mg/L	WW	0.5785		4	0.0028	0.1	H
3.00	mg/L	WW	2.7716		5	0.0028	0.1	H
3.00	mg/L	WW	0.6124		4	0.0028	0.1	H
3.00	mg/L	WW	1.9875		5	0.0028	0.1	H
3.00	mg/L	WW	0.5466		4	0.0028	0.1	H
3.00	mg/L	WW	2.0457		5	0.0028	0.1	H
3.00	mg/L	WW	1.6315		5	0.0028	0.1	H
3.00	mg/L	WW	0.4733		4	0.0028	0.1	H
3.00	mg/L	WW	0.668		3	0.0028	0.1	H
3.00	mg/L	WW	0.7012		4	0.0028	0.1	H
3.00	mg/L	WW	4.1099		5	0.0028	0.1	H
3.00	mg/L	WW	0.5514		4	0.0028	0.1	H
3.00	mg/L	WW	0.639		3	0.0028	0.1	H
3.00	mg/L	WW	0.97		2	0.0028	0.1	H
3.00	mg/L	WW	15.8455		6	0.0028	0.1	H
3.00	mg/L	WW	0.4555		4	0.0028	0.1	H
3.00	mg/L	WW	1.3497		5	0.0028	0.1	H
3.00	mg/L	WW	0.4643		4	0.0028	0.1	H
3.00	mg/L	WW	0.5774		4	0.0028	0.1	H
3.00	mg/L	WW	0.9096		4	0.0028	0.1	H
3.00	mg/L	WW	1.2246		5	0.0028	0.1	H
3.00	mg/L	WW	0.5455		4	0.0028	0.1	H

3.00	mg/L	WW	1.6392		5	0.0028	0.1	H
3.00	mg/L	WW	0.9208		4	0.0028	0.1	H
3.00	mg/L	WW	0.6224		4	0.0028	0.1	H
3.00	mg/L	WW	1.2063		5	0.0028	0.1	H
3.00	mg/L	WW	0.6		1	0.0028	0.1	H
3.00	mg/L	WW	0.0511		4	0.0021	0.05	H
3.00	mg/L	WW	0.0182		4	0.0021	0.05	H
3.00	mg/L	WW	0.1988		4	0.0021	0.05	H
3.00	mg/L	WW	0.0641		4	0.0021	0.05	H
3.00	mg/L	WW	0.2119		4	0.0021	0.05	H
3.00	mg/L	WW	0.104		3	0.0021	0.05	H
3.00	mg/L	WW	0.2171		4	0.0021	0.05	H
3.00	mg/L	WW	0.1159		4	0.0021	0.05	H
3.00	mg/L	WW	0.0918		4	0.0021	0.05	H
3.00	mg/L	WW	0.0187		4	0.0021	0.05	H
3.00	mg/L	WW	0.1064		4	0.0021	0.05	H
3.00	mg/L	WW	0.0215		4	0.0021	0.05	H
3.00	mg/L	WW	0.0523		4	0.0021	0.05	H
3.00	mg/L	WW	0.0299		4	0.0021	0.05	H
3.00	mg/L	WW	0.099		3	0.0021	0.05	H
3.00	mg/L	WW	0.0298		4	0.0021	0.05	H
3.00	mg/L	WW	0.1284		4	0.0021	0.05	H
3.00	mg/L	WW	0.1358		4	0.0021	0.05	H
3.00	mg/L	WW	0.0383		4	0.0021	0.05	H
3.00	mg/L	WW	0.2189		4	0.0021	0.05	H
3.00	mg/L	WW	0.0612		4	0.0021	0.05	H
3.00	mg/L	WW	0.0502		4	0.0021	0.05	H
3.00	mg/L	WW	0.2314		4	0.0021	0.05	H
3.00	mg/L	WW	0.0736		4	0.0021	0.05	H
3.00	mg/L	WW	0.231		3	0.0021	0.05	H
3.00	mg/L	WW	0.2156		4	0.0021	0.05	H
3.00	mg/L	WW	0.0871		4	0.0021	0.05	H
2.00	mg/L	WW	0.4768		4	0.0028	0.1	H
2.00	mg/L	WW	0.1599		4	0.0028	0.1	H
2.00	mg/L	WW	0.5123		4	0.0028	0.1	H
2.00	mg/L	WW	0.6354		4	0.0028	0.1	H
2.00	mg/L	WW	0.494		3	0.0028	0.1	H
2.00	mg/L	WW	0.7415		4	0.0028	0.1	H
2.00	mg/L	WW	0.5727		4	0.0028	0.1	H
2.00	mg/L	WW	0.6977		4	0.0028	0.1	H

2.00	mg/L	WW	0.9357		4	0.0028	0.1	H
2.00	mg/L	WW	0.1842		4	0.0028	0.1	H
2.00	mg/L	WW	0.6029		4	0.0028	0.1	H
2.00	mg/L	WW	0.1576		4	0.0028	0.1	H
2.00	mg/L	WW	0.5952		4	0.0028	0.1	H
2.00	mg/L	WW	0.1297		4	0.0028	0.1	H
2.00	mg/L	WW	0.5655		4	0.0028	0.1	H
2.00	mg/L	WW	0.2564		4	0.0028	0.1	H
2.00	mg/L	WW	1.6747		5	0.0028	0.1	H
2.00	mg/L	WW	0.6029		4	0.0028	0.1	H
2.00	mg/L	WW	0.3275		4	0.0028	0.1	H
2.00	mg/L	WW	0.7864		4	0.0028	0.1	H
2.00	mg/L	WW	0.4359		4	0.0028	0.1	H
2.00	mg/L	WW	0.6438		4	0.0028	0.1	H
2.00	mg/L	WW	0.5631		4	0.0028	0.1	H
2.00	mg/L	WW	0.5206		4	0.0028	0.1	H
2.00	mg/L	WW	0.6011		4	0.0028	0.1	H
2.00	mg/L	WW	0.5816		4	0.0028	0.1	H
2.00	mg/L	WW	0.719		3	0.0028	0.1	H
2.00	mg/L	WW	0.053		3	0.0021	0.05	H
2.00	mg/L	WW	0.0228		4	0.0021	0.05	H
2.00	mg/L	WW	0.1949		4	0.0021	0.05	H
2.00	mg/L	WW	0.0897		4	0.0021	0.05	H
2.00	mg/L	WW	0.2349		4	0.0021	0.05	H
2.00	mg/L	WW	0.1083		4	0.0021	0.05	H
2.00	mg/L	WW	0.2569		4	0.0021	0.05	H
2.00	mg/L	WW	0.1089		4	0.0021	0.05	H
2.00	mg/L	WW	0.1034		4	0.0021	0.05	H
2.00	mg/L	WW	0.0189		4	0.0021	0.05	H
2.00	mg/L	WW	0.1323		4	0.0021	0.05	H
2.00	mg/L	WW	0.0151		4	0.0021	0.05	H
2.00	mg/L	WW	0.1212		4	0.0021	0.05	H
2.00	mg/L	WW	0.026		3	0.0021	0.05	H
2.00	mg/L	WW	0.1568		4	0.0021	0.05	H
2.00	mg/L	WW	0.0339		4	0.0021	0.05	H
2.00	mg/L	WW	0.1442		4	0.0021	0.05	H
2.00	mg/L	WW	0.1603		4	0.0021	0.05	H
2.00	mg/L	WW	0.046		3	0.0021	0.05	H
2.00	mg/L	WW	0.2023		4	0.0021	0.05	H
2.00	mg/L	WW	0.0591		4	0.0021	0.05	H

2.00	mg/L	WW	0.2474		4	0.0021	0.05	H
2.00	mg/L	WW	0.0928		4	0.0021	0.05	H
2.00	mg/L	WW	0.0885		4	0.0021	0.05	H
2.00	mg/L	WW	0.2395		4	0.0021	0.05	H
2.00	mg/L	WW	0.203		3	0.0021	0.05	H
2.00	mg/L	WW	0.1074		4	0.0021	0.05	H
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	2.7	DNQ		0.5	5	X
0.00	mg/L	WW	2.3	DNQ		0.5	5	X
0.00	mg/L	WW	13.5			0.5	5	X
0.00	mg/L	WW	6.3			0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	7			0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	3.3	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	3.2	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	2.3	DNQ		0.5	5	X
0.00	mg/L	WW	12.3			0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	9.5			0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	5.3			0.5	5	X
0.00	mg/L	WW	5.5			0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	5.5			0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	8.5			0.5	5	X
0.00	mg/L	WW	6.5			0.5	5	X
0.00	mg/L	WW	5.5			0.5	5	X
3.00	mg/L	WW	0.1736868		2	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X

3.00	mg/L	WW	0.0294147		2	0.001	0.004	X
3.00	mg/L	WW	0.0826413		2	0.001	0.004	X
3.00	mg/L	WW	0.0476238		2	0.001	0.004	X
3.00	mg/L	WW	0.0784392		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	3.2			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	4.1			1	2	X
0.00	mg/m3	WW	5.5			1	2	X
0.00	mg/m3	WW	8			1	2	X
0.00	mg/m3	WW	8.9			1	2	X
0.00	mg/m3	WW	8			1	2	X
0.00	mg/m3	WW	10.7			1	2	X
0.00	mg/m3	WW	10.7			1	2	X
3.00	mg/L	WW	0.0112056	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	X
3.00	mg/L	WW	0.0210105		2	0.007	0.02	X
3.00	mg/L	WW	0.3515757		2	0.007	0.02	X
3.00	mg/L	WW	0.6093045		2	0.007	0.02	X
3.00	mg/L	WW	0.0112056	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0098049	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.0014007	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0168084		2	0.001	0.004	X
3.00	mg/L	WW	0.0336168		2	0.001	0.004	X
3.00	mg/L	WW	0.0098049		2	0.001	0.004	X
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0216818		2	0.003	0.009	X
3.00	mg/L	WW	0.0836298		2	0.003	0.009	X
3.00	mg/L	WW	0.0061948	DNQ	1	0.003	0.009	X

3.00	mg/L	WW	0.015487		2	0.003	0.009	X
3.00	mg/L	WW	0.0960194		2	0.003	0.009	X
3.00	mg/L	WW	0.1146038		2	0.003	0.009	X
3.00	mg/L	WW	0.2199154		2	0.003	0.009	X
3.00	mg/L	WW	0.247792		2	0.003	0.009	X
3.00	mg/L	WW	0.7492		4	0.0028	0.1	H
3.00	mg/L	WW	0.7936		4	0.0028	0.1	H
3.00	mg/L	WW	0.8308		4	0.0028	0.1	H
3.00	mg/L	WW	0.6597		4	0.0028	0.1	H
3.00	mg/L	WW	1.2749		5	0.0028	0.1	H
3.00	mg/L	WW	1.9889		5	0.0028	0.1	H
3.00	mg/L	WW	1.6498		5	0.0028	0.1	H
3.00	mg/L	WW	0.8184		4	0.0028	0.1	H
3.00	mg/L	WW	0.0021		4	0.0021	0.05	H
3.00	mg/L	WW	0.1803		4	0.0021	0.05	H
3.00	mg/L	WW	0.0142		4	0.0021	0.05	H
3.00	mg/L	WW	0.013		3	0.0021	0.05	H
3.00	mg/L	WW	0.0711		4	0.0021	0.05	H
3.00	mg/L	WW	0.1323		4	0.0021	0.05	H
3.00	mg/L	WW	0.371		3	0.0021	0.05	H
3.00	mg/L	WW	0.3451		4	0.0021	0.05	H
2.00	mg/L	WW	0.0948		4	0.0028	0.1	H
2.00	mg/L	WW	0.2641		4	0.0028	0.1	H
2.00	mg/L	WW	0.2381		4	0.0028	0.1	H
2.00	mg/L	WW	0.4056		4	0.0028	0.1	H
2.00	mg/L	WW	1.0641		5	0.0028	0.1	H
2.00	mg/L	WW	1.4272		5	0.0028	0.1	H
2.00	mg/L	WW	0.8497		4	0.0028	0.1	H
2.00	mg/L	WW	0.9564		4	0.0028	0.1	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.1628		4	0.0021	0.05	H
2.00	mg/L	WW	0.0083		4	0.0021	0.05	H
2.00	mg/L	WW	0.0214		4	0.0021	0.05	H
2.00	mg/L	WW	0.1536		4	0.0021	0.05	H
2.00	mg/L	WW	0.1856		4	0.0021	0.05	H
2.00	mg/L	WW	0.3504		4	0.0021	0.05	H
2.00	mg/L	WW	0.4382		4	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	1	DNQ		0.5	5	X
0.00	mg/L	WW	20.5			0.5	5	X

0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	24			0.5	5	X
0.00	mg/L	WW	23.7			0.5	5	X
0.00	mg/L	WW	18.5			0.5	5	X
0.00	mg/L	WW	8.2			0.5	5	X
0.00	mg/L	WW	3.2	DNQ		0.5	5	X
3.00	mg/L	WW	0.0308154		2	0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0266133		2	0.001	0.004	X
3.00	mg/L	WW	0.0518259		2	0.001	0.004	X
3.00	mg/L	WW	0.0518259		2	0.001	0.004	X
3.00	mg/L	WW	0.0224112		2	0.001	0.004	X
3.00	mg/L	WW	0.0812406		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	4			1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	5.1			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	11.6			1	2	X
0.00	mg/m3	WW	7.5			1	2	X
0.00	mg/m3	WW	8.9			1	2	X
0.00	mg/m3	WW	8			1	2	X
3.00	mg/L	WW	0.0070035	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	0.0070035	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	X
3.00	mg/L	WW	0.042021		2	0.007	0.02	X
3.00	mg/L	WW	1.3096545		2	0.007	0.02	X
3.00	mg/L	WW	0.8194095		2	0.007	0.02	X

3.00	mg/L	WW	0.8138067		2	0.007	0.02	X
3.00	mg/L	WW	0.0098049	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0168084	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0014007	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0238119		2	0.001	0.004	X
3.00	mg/L	WW	0.028014		2	0.001	0.004	X
3.00	mg/L	WW	0.028014		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0112056		2	0.001	0.004	X
3.00	mg/L	WW	0.0030974	DNQ	1	0.003	0.009	X
3.00	mg/L	WW	0.108409		2	0.003	0.009	X
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0185844		2	0.003	0.009	X
3.00	mg/L	WW	0.1053116		2	0.003	0.009	X
3.00	mg/L	WW	0.108409		2	0.003	0.009	X
3.00	mg/L	WW	0.108409		2	0.003	0.009	X
3.00	mg/L	WW	0.2075258		2	0.003	0.009	X
3.00	mg/L	WW	0.2539868		2	0.003	0.009	X
3.00	mg/L	WW	1.5627		5	0.0028	0.1	H
3.00	mg/L	WW	0.2742		4	0.0028	0.1	H
3.00	mg/L	WW	0.2133		4	0.0028	0.1	H
3.00	mg/L	WW	0.4348		4	0.0028	0.1	H
3.00	mg/L	WW	2.2486		5	0.0028	0.1	H
3.00	mg/L	WW	2.3452		5	0.0028	0.1	H
3.00	mg/L	WW	1.9475		5	0.0028	0.1	H
3.00	mg/L	WW	0.6106		4	0.0028	0.1	H
3.00	mg/L	WW	0.7971		4	0.0028	0.1	H
3.00	mg/L	WW	0.0364		4	0.0021	0.05	H
3.00	mg/L	WW	0.1246		4	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	0.0077		4	0.0021	0.05	H
3.00	mg/L	WW	0.1197		4	0.0021	0.05	H
3.00	mg/L	WW	0.123		3	0.0021	0.05	H
3.00	mg/L	WW	0.1218		4	0.0021	0.05	H
3.00	mg/L	WW	0.2866		4	0.0021	0.05	H
3.00	mg/L	WW	0.3542		4	0.0021	0.05	H
2.00	mg/L	WW	0.0747		4	0.0028	0.1	H

2.00	mg/L	WW	0.2866		4	0.0028	0.1	H
2.00	mg/L	WW	0.2032		4	0.0028	0.1	H
2.00	mg/L	WW	0.2665		4	0.0028	0.1	H
2.00	mg/L	WW	2.2255		5	0.0028	0.1	H
2.00	mg/L	WW	1.6397		5	0.0028	0.1	H
2.00	mg/L	WW	1.8101		5	0.0028	0.1	H
2.00	mg/L	WW	0.7835		4	0.0028	0.1	H
2.00	mg/L	WW	0.9665		4	0.0028	0.1	H
2.00	mg/L	WW	0.011		3	0.0021	0.05	H
2.00	mg/L	WW	0.1916		4	0.0021	0.05	H
2.00	mg/L	WW	0.0091		4	0.0021	0.05	H
2.00	mg/L	WW	0.0334		4	0.0021	0.05	H
2.00	mg/L	WW	0.1866		4	0.0021	0.05	H
2.00	mg/L	WW	0.1226		4	0.0021	0.05	H
2.00	mg/L	WW	0.1571		4	0.0021	0.05	H
2.00	mg/L	WW	0.2362		4	0.0021	0.05	H
2.00	mg/L	WW	0.3263		4	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	2.3	DNQ		0.5	5	X
0.00	mg/L	WW	0.7	DNQ		0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.3	DNQ		0.5	5	X
0.00	mg/L	WW	0.5			0.5	5	X
0.00	mg/L	WW	1.3	DNQ		0.5	5	X
0.00	mg/L	WW	1.5	DNQ		0.5	5	X
0.00	mg/L	WW	2	DNQ		0.5	5	X
3.00	mg/L	WW	0.0196098		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.014007		2	0.001	0.004	X
3.00	mg/L	WW	0.0224112		2	0.001	0.004	X
3.00	mg/L	WW	0.0546273		2	0.001	0.004	X
3.00	mg/L	WW	0.0392196		2	0.001	0.004	X
3.00	mg/L	WW	0.0406203		2	0.001	0.004	X
3.00	mg/L	WW	0.0686343		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X

0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	4			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	4.8			1	2	X
0.00	mg/m3	WW	14.7			1	2	X
0.00	mg/m3	WW	6.7			1	2	X
0.00	mg/m3	WW	5.8			1	2	X
3.00	mg/L	WW	-0.02	ND	2	0.007	0.02	H
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	0.0070035	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	0.0070035	DNQ	1	0.007	0.02	H
3.00	mg/L	WW	1.526763		2	0.007	0.02	X
3.00	mg/L	WW	1.6990491		2	0.007	0.02	X
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	0.0182091	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	H
3.00	mg/L	WW	0.0042021		1	0.001	0.004	H
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND	2	0.001	0.004	X
3.00	mg/L	WW	0.0378189		2	0.001	0.004	X
3.00	mg/L	WW	0.0350175		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0030974	DNQ	1	0.003	0.009	X
3.00	mg/L	WW	0.1022142		2	0.003	0.009	X
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0123896		2	0.003	0.009	X
3.00	mg/L	WW	0.108409		2	0.003	0.009	X
3.00	mg/L	WW	0.1115064		2	0.003	0.009	X
3.00	mg/L	WW	0.2261102		2	0.003	0.009	X
3.00	mg/L	WW	0.216818		2	0.003	0.009	X
3.00	mg/L	WW	1.887		4	0.0028	0.1	H
3.00	mg/L	WW	0.3844		4	0.0028	0.1	H
3.00	mg/L	WW	0.3209		4	0.0028	0.1	H
3.00	mg/L	WW	0.443		3	0.0028	0.1	H

3.00	mg/L	WW	3.719		4	0.0028	0.1	H
3.00	mg/L	WW	3.3015		5	0.0028	0.1	H
3.00	mg/L	WW	1.2637		5	0.0028	0.1	H
3.00	mg/L	WW	1.1306		5	0.0028	0.1	H
3.00	mg/L	WW	0.0165		4	0.0021	0.05	H
3.00	mg/L	WW	0.1296		4	0.0021	0.05	H
3.00	mg/L	WW	0.0133		4	0.0021	0.05	H
3.00	mg/L	WW	0.0141		4	0.0021	0.05	H
3.00	mg/L	WW	0.1704		4	0.0021	0.05	H
3.00	mg/L	WW	0.1641		4	0.0021	0.05	H
3.00	mg/L	WW	0.3024		4	0.0021	0.05	H
3.00	mg/L	WW	0.2832		4	0.0021	0.05	H
2.00	mg/L	WW	0.1079		4	0.0028	0.1	H
2.00	mg/L	WW	0.3867		4	0.0028	0.1	H
2.00	mg/L	WW	0.1966		4	0.0028	0.1	H
2.00	mg/L	WW	0.2938		4	0.0028	0.1	H
2.00	mg/L	WW	2.8575		5	0.0028	0.1	H
2.00	mg/L	WW	3.4348		5	0.0028	0.1	H
2.00	mg/L	WW	1.0127		5	0.0028	0.1	H
2.00	mg/L	WW	0.9848		4	0.0028	0.1	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.2388		4	0.0021	0.05	H
2.00	mg/L	WW	0.0106		4	0.0021	0.05	H
2.00	mg/L	WW	0.0301		4	0.0021	0.05	H
2.00	mg/L	WW	0.1723		4	0.0021	0.05	H
2.00	mg/L	WW	0.2065		4	0.0021	0.05	H
2.00	mg/L	WW	0.3172		4	0.0021	0.05	H
2.00	mg/L	WW	0.3351		4	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	1.8	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	7.4			0.5	5	X
0.00	mg/L	WW	7.8			0.5	5	X
0.00	mg/L	WW	11.8			0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	3.8	DNQ		0.5	5	X
3.00	mg/L	WW	0.1050525		2	0.001	0.004	X
3.00	mg/L	WW	0.2115057		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X

3.00	mg/L	WW	0.1134567		2	0.001	0.004	X
3.00	mg/L	WW	0.028014		2	0.001	0.004	X
3.00	mg/L	WW	0.0406203		2	0.001	0.004	X
3.00	mg/L	WW	1.3208601		2	0.001	0.004	X
3.00	mg/L	WW	0.3277638		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	24.7			2	2	X
0.00	mg/L	WW	8.4			2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	4			1	2	X
0.00	mg/m3	WW	6			1	2	X
0.00	mg/m3	WW	4			1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	4			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	2.185092		2	0.007	0.02	X
3.00	mg/L	WW	2.185092		2	0.007	0.02	X
3.00	mg/L	WW	1.1583789		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0602301		2	0.001	0.004	X
3.00	mg/L	WW	0.0630315		2	0.001	0.004	X
3.00	mg/L	WW	0.0378189		2	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.009	ND		0.003	0.009	X
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X

3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0805324		2	0.003	0.009	X
3.00	mg/L	WW	0.0960194		2	0.003	0.009	X
3.00	mg/L	WW	0.0681428		2	0.003	0.009	X
3.00	mg/L	WW	1.068603		2	0.003	0.009	X
3.00	mg/L	WW	1.0747978		2	0.003	0.009	X
3.00	mg/L	WW	5.7532		5	0.0028	0.1	X
3.00	mg/L	WW	1.2033		5	0.0028	0.1	X
3.00	mg/L	WW	0.2749		4	0.0028	0.1	X
3.00	mg/L	WW	8.7262		5	0.0028	0.1	X
3.00	mg/L	WW	5.3874		5	0.0028	0.1	X
3.00	mg/L	WW	6.8636		5	0.0028	0.1	X
3.00	mg/L	WW	1.276		4	0.0028	0.1	X
3.00	mg/L	WW	1.039		4	0.0028	0.1	X
3.00	mg/L	WW	0.0123		4	0.0021	0.05	X
3.00	mg/L	WW	0.0228		4	0.0021	0.05	X
3.00	mg/L	WW	0.0238		4	0.0021	0.05	X
3.00	mg/L	WW	0.1273		4	0.0021	0.05	X
3.00	mg/L	WW	0.1504		4	0.0021	0.05	X
3.00	mg/L	WW	0.1688		4	0.0021	0.05	X
3.00	mg/L	WW	1.0647		5	0.0021	0.05	X
3.00	mg/L	WW	0.8922		4	0.0021	0.05	X
2.00	mg/L	WW	0.03		2	0.0028	0.1	X
2.00	mg/L	WW	0.1355		4	0.0028	0.1	X
2.00	mg/L	WW	0.1481		4	0.0028	0.1	X
2.00	mg/L	WW	7.4257		5	0.0028	0.1	X
2.00	mg/L	WW	7.8591		5	0.0028	0.1	X
2.00	mg/L	WW	4.0203		5	0.0028	0.1	X
2.00	mg/L	WW	1.2747		5	0.0028	0.1	X
2.00	mg/L	WW	0.7702		4	0.0028	0.1	X
2.00	mg/L	WW	0.0165		4	0.0021	0.05	X
2.00	mg/L	WW	0.0246		4	0.0021	0.05	X
2.00	mg/L	WW	0.0269		4	0.0021	0.05	X
2.00	mg/L	WW	0.1216		4	0.0021	0.05	X
2.00	mg/L	WW	0.137		3	0.0021	0.05	X
2.00	mg/L	WW	0.1752		4	0.0021	0.05	X
2.00	mg/L	WW	1.0744		5	0.0021	0.05	X
2.00	mg/L	WW	0.949		3	0.0021	0.05	X
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X

0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	9			0.5	5	X
0.00	mg/L	WW	8			0.5	5	X
0.00	mg/L	WW	7			0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	3.7	DNQ		0.5	5	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0154077		2	0.001	0.004	X
3.00	mg/L	WW	0.0378189		2	0.001	0.004	X
3.00	mg/L	WW	0.0392196		2	0.001	0.004	X
3.00	mg/L	WW	0.0798399		2	0.001	0.004	X
3.00	mg/L	WW	0.3711855		2	0.001	0.004	X
3.00	mg/L	WW	0.1316658		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	9.1			2	2	X
0.00	mg/L	WW	5.7			2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	5.5			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	4.9			1	2	X
0.00	mg/m3	WW	12			1	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	2.1			1	2	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.9034515		2	0.007	0.02	X
3.00	mg/L	WW	0.9958977		2	0.007	0.02	X
3.00	mg/L	WW	0.0798399		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X

3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.056028		2	0.001	0.004	X
3.00	mg/L	WW	0.0630315		2	0.001	0.004	X
3.00	mg/L	WW	0.0238119		2	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.0030974	DNQ	1	0.003	0.009	X
3.00	mg/L	WW	0.0278766		2	0.003	0.009	X
3.00	mg/L	WW	0.061948		2	0.003	0.009	X
3.00	mg/L	WW	0.077435		2	0.003	0.009	X
3.00	mg/L	WW	0.0898246		2	0.003	0.009	X
3.00	mg/L	WW	0.8332006		2	0.003	0.009	X
3.00	mg/L	WW	0.7495708		2	0.003	0.009	X
3.00	mg/L	WW	0.3765		4	0.0028	0.1	X
3.00	mg/L	WW	0.2929		4	0.0028	0.1	X
3.00	mg/L	WW	0.4639		4	0.0028	0.1	X
3.00	mg/L	WW	4.656		4	0.0028	0.1	X
3.00	mg/L	WW	3.9111		5	0.0028	0.1	X
3.00	mg/L	WW	0.5822		4	0.0028	0.1	X
3.00	mg/L	WW	1.0778		5	0.0028	0.1	X
3.00	mg/L	WW	0.4541		4	0.0028	0.1	X
3.00	mg/L	WW	0.0178		4	0.0021	0.05	X
3.00	mg/L	WW	0.021		3	0.0021	0.05	X
3.00	mg/L	WW	0.0286		4	0.0021	0.05	X
3.00	mg/L	WW	0.0896		4	0.0021	0.05	X
3.00	mg/L	WW	0.07		2	0.0021	0.05	X
3.00	mg/L	WW	0.1061		4	0.0021	0.05	X
3.00	mg/L	WW	0.8774		4	0.0021	0.05	X
3.00	mg/L	WW	0.54		2	0.0021	0.05	X
2.00	mg/L	WW	0.0271		4	0.0028	0.1	X
2.00	mg/L	WW	0.106		3	0.0028	0.1	X
2.00	mg/L	WW	0.4057		4	0.0028	0.1	X
2.00	mg/L	WW	4.5078		5	0.0028	0.1	X
2.00	mg/L	WW	5.1115		5	0.0028	0.1	X
2.00	mg/L	WW	0.5486		4	0.0028	0.1	X
2.00	mg/L	WW	0.7843		4	0.0028	0.1	X
2.00	mg/L	WW	0.6027		4	0.0028	0.1	X

2.00	mg/L	WW	0.0179		4	0.0021	0.05	X
2.00	mg/L	WW	0.0282		4	0.0021	0.05	X
2.00	mg/L	WW	0.0328		4	0.0021	0.05	X
2.00	mg/L	WW	0.0811		4	0.0021	0.05	X
2.00	mg/L	WW	0.1037		4	0.0021	0.05	X
2.00	mg/L	WW	0.1219		4	0.0021	0.05	X
2.00	mg/L	WW	0.9277		4	0.0021	0.05	X
2.00	mg/L	WW	0.5715		4	0.0021	0.05	X
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
0.00	mg/L	WW	4.3	DNQ		0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X
0.00	mg/L	WW	2	DNQ		0.5	5	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	0.0098049		2	0.001	0.004	X
3.00	mg/L	WW	0.0098049		2	0.001	0.004	X
3.00	mg/L	WW	0.0742371		2	0.001	0.004	X
3.00	mg/L	WW	0.0616308		2	0.001	0.004	X
3.00	mg/L	WW	0.0350175		2	0.001	0.004	X
3.00	mg/L	WW	0.0644322		2	0.001	0.004	X
3.00	mg/L	WW	0.0196098		2	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.2591295		2	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0014007	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0098049		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0406203		2	0.001	0.004	X
3.00	mg/L	WW	0.0154077		2	0.001	0.004	X
3.00	mg/L	WW	0.0224112		2	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X

3.00	mg/L	WW	0.0126063		2	0.001	0.004	X
3.00	mg/L	WW	0.0224112		2	0.001	0.004	X
3.00	mg/L	WW	0.0266133		2	0.001	0.004	X
3.00	mg/L	WW	0.028014		2	0.001	0.004	X
3.00	mg/L	WW	0.0504252		2	0.001	0.004	X
3.00	mg/L	WW	0.0266133		2	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.004			0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	3.7			0.58	1	X
0.00	mg/L	WW	3.3			0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	1.2			0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	3.3			0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	1.1			0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/L	WW	-1	ND		0.58	1	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X
0.00	mg/m3	WW	1.9	DNQ		1	2	X
0.00	mg/m3	WW	1.9	DNQ		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	3.5			1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X

0.00	mg/m3	WW	1.9	DNQ		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	6.2			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	5.8			1	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	6.7			1	2	X
0.00	mg/m3	WW	8			1	2	X
0.00	mg/m3	WW	8.9			1	2	X
0.00	mg/m3	WW	4.9			1	2	X
0.00	mg/m3	WW	10.7			1	2	X
0.00	mg/m3	WW	10.7			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	6.2			1	2	X
0.00	mg/m3	WW	5.3			1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	5.8			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	5.3			1	2	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.4384191		2	0.007	0.02	X
3.00	mg/L	WW	0.1848924		2	0.007	0.02	X
3.00	mg/L	WW	0.1764882		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0308154		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X

3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0448224		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0266133		2	0.007	0.02	X
3.00	mg/L	WW	0.0658329		2	0.007	0.02	X
3.00	mg/L	WW	0.0210105		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0448224		2	0.007	0.02	X
3.00	mg/L	WW	0.0434217		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02			0.007	0.02	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0294147		2	0.001	0.004	X
3.00	mg/L	WW	0.0196098		2	0.001	0.004	X
3.00	mg/L	WW	0.0168084		2	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X

3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0126063		2	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004			0.001	0.004	X
3.00	mg/L	WW	0.0030974	DNQ	1	0.003	0.009	X
3.00	mg/L	WW	0.0123896		2	0.003	0.009	X
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0867272		2	0.003	0.009	X
3.00	mg/L	WW	0.092922		2	0.003	0.009	X
3.00	mg/L	WW	0.0867272		2	0.003	0.009	X
3.00	mg/L	WW	0.2911556		2	0.003	0.009	X
3.00	mg/L	WW	0.3778828		2	0.003	0.009	X
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0340714		2	0.003	0.009	X
3.00	mg/L	WW	0.340714		2	0.003	0.009	X
3.00	mg/L	WW	0.2354024		2	0.003	0.009	X
3.00	mg/L	WW	0.3623958		2	0.003	0.009	X
3.00	mg/L	WW	0.2539868		2	0.003	0.009	X
3.00	mg/L	WW	0.4615126		2	0.003	0.009	X
3.00	mg/L	WW	0.3469088		2	0.003	0.009	X
3.00	mg/L	WW	0.0185844		2	0.003	0.009	X
3.00	mg/L	WW	0.0278766		2	0.003	0.009	X
3.00	mg/L	WW	0.0185844		2	0.003	0.009	X
3.00	mg/L	WW	0.0340714		2	0.003	0.009	X
3.00	mg/L	WW	0.0836298		2	0.003	0.009	X
3.00	mg/L	WW	0.0836298		2	0.003	0.009	X

3.00	mg/L	WW	0.1022142		2	0.003	0.009	X
3.00	mg/L	WW	0.0960194		2	0.003	0.009	X
3.00	mg/L	WW	0.1053116		2	0.003	0.009	X
3.00	mg/L	WW	0.1053116		2	0.003	0.009	X
3.00	mg/L	WW	0.0805324		2	0.003	0.009	X
3.00	mg/L	WW	0.1269934		2	0.003	0.009	X
3.00	mg/L	WW	0.1207986		2	0.003	0.009	X
3.00	mg/L	WW	0.1641622		2	0.003	0.009	X
3.00	mg/L	WW	0.1424804		2	0.003	0.009	X
3.00	mg/L	WW	0.1486752		2	0.003	0.009	X
3.00	mg/L	WW	0.3128374		2	0.003	0.009	X
3.00	mg/L	WW	0.3159348		2	0.003	0.009	X
3.00	mg/L	WW	0.201331		2	0.003	0.009	X
3.00	mg/L	WW	-0.009			0.003	0.009	X
3.00	mg/L	WW	0.0427		4	0.0028	0.1	X
3.00	mg/L	WW	0.2946		4	0.0028	0.1	X
3.00	mg/L	WW	0.1339		4	0.0028	0.1	X
3.00	mg/L	WW	2.0072		5	0.0028	0.1	X
3.00	mg/L	WW	1.1325		5	0.0028	0.1	X
3.00	mg/L	WW	1.1387		5	0.0028	0.1	X
3.00	mg/L	WW	0.6991		4	0.0028	0.1	X
3.00	mg/L	WW	0.4363		4	0.0028	0.1	X
3.00	mg/L	WW	0.6898		4	0.0028	0.1	X
3.00	mg/L	WW	0.1185		4	0.0028	0.1	X
3.00	mg/L	WW	0.8094		4	0.0028	0.1	X
3.00	mg/L	WW	0.5766		4	0.0028	0.1	X
3.00	mg/L	WW	0.669		3	0.0028	0.1	X
3.00	mg/L	WW	0.5169		4	0.0028	0.1	X
3.00	mg/L	WW	0.9116		4	0.0028	0.1	X
3.00	mg/L	WW	0.4571		4	0.0028	0.1	X
3.00	mg/L	WW	0.5446		4	0.0028	0.1	X
3.00	mg/L	WW	0.1752		4	0.0028	0.1	X
3.00	mg/L	WW	0.443		3	0.0028	0.1	X
3.00	mg/L	WW	0.6006		4	0.0028	0.1	X
3.00	mg/L	WW	0.3488		4	0.0028	0.1	X
3.00	mg/L	WW	0.283		3	0.0028	0.1	X
3.00	mg/L	WW	0.6295		4	0.0028	0.1	X
3.00	mg/L	WW	0.5088		4	0.0028	0.1	X
3.00	mg/L	WW	0.688		3	0.0028	0.1	X
3.00	mg/L	WW	0.4147		4	0.0028	0.1	X

3.00	mg/L	WW	0.4356		4	0.0028	0.1	X
3.00	mg/L	WW	0.7164		4	0.0028	0.1	X
3.00	mg/L	WW	0.7971		4	0.0028	0.1	X
3.00	mg/L	WW	0.8407		4	0.0028	0.1	X
3.00	mg/L	WW	0.7478		4	0.0028	0.1	X
3.00	mg/L	WW	0.4343		4	0.0028	0.1	X
3.00	mg/L	WW	0.7933		4	0.0028	0.1	X
3.00	mg/L	WW	0.4812		4	0.0028	0.1	X
3.00	mg/L	WW	0.4153		4	0.0028	0.1	X
3.00	mg/L	WW	0.0153		4	0.0021	0.05	X
3.00	mg/L	WW	0.0301		4	0.0021	0.05	X
3.00	mg/L	WW	0.0246		4	0.0021	0.05	X
3.00	mg/L	WW	0.1005		4	0.0021	0.05	X
3.00	mg/L	WW	0.1096		4	0.0021	0.05	X
3.00	mg/L	WW	0.1253		4	0.0021	0.05	X
3.00	mg/L	WW	0.2653		4	0.0021	0.05	X
3.00	mg/L	WW	0.3511		4	0.0021	0.05	X
3.00	mg/L	WW	0.0318		4	0.0021	0.05	X
3.00	mg/L	WW	0.054		3	0.0021	0.05	X
3.00	mg/L	WW	0.4		1	0.0021	0.05	X
3.00	mg/L	WW	0.2955		4	0.0021	0.05	X
3.00	mg/L	WW	0.4585		4	0.0021	0.05	X
3.00	mg/L	WW	0.323		3	0.0021	0.05	X
3.00	mg/L	WW	0.5208		4	0.0021	0.05	X
3.00	mg/L	WW	0.3865		4	0.0021	0.05	X
3.00	mg/L	WW	0.0414		4	0.0021	0.05	X
3.00	mg/L	WW	0.0528		4	0.0021	0.05	X
3.00	mg/L	WW	0.028		3	0.0021	0.05	X
3.00	mg/L	WW	0.0584		4	0.0021	0.05	X
3.00	mg/L	WW	0.1214		4	0.0021	0.05	X
3.00	mg/L	WW	0.111		3	0.0021	0.05	X
3.00	mg/L	WW	0.1197		4	0.0021	0.05	X
3.00	mg/L	WW	0.1224		4	0.0021	0.05	X
3.00	mg/L	WW	0.1642		4	0.0021	0.05	X
3.00	mg/L	WW	0.1519		4	0.0021	0.05	X
3.00	mg/L	WW	0.0932		4	0.0021	0.05	X
3.00	mg/L	WW	0.1544		4	0.0021	0.05	X
3.00	mg/L	WW	0.1452		4	0.0021	0.05	X
3.00	mg/L	WW	0.2173		4	0.0021	0.05	X
3.00	mg/L	WW	0.194		3	0.0021	0.05	X

3.00	mg/L	WW	0.1695		4	0.0021	0.05	X
3.00	mg/L	WW	0.3784		4	0.0021	0.05	X
3.00	mg/L	WW	0.3482		4	0.0021	0.05	X
3.00	mg/L	WW	0.2428		4	0.0021	0.05	X
2.00	mg/L	WW	0.0427		4	0.0028	0.1	X
2.00	mg/L	WW	0.4183		4	0.0028	0.1	X
2.00	mg/L	WW	0.1932		4	0.0028	0.1	X
2.00	mg/L	WW	2.5779		5	0.0028	0.1	X
2.00	mg/L	WW	1.2508		5	0.0028	0.1	X
2.00	mg/L	WW	1.3148		5	0.0028	0.1	X
2.00	mg/L	WW	0.5921		4	0.0028	0.1	X
2.00	mg/L	WW	0.6583		4	0.0028	0.1	X
2.00	mg/L	WW	0.1503		4	0.0028	0.1	X
2.00	mg/L	WW	0.6581		4	0.0028	0.1	X
2.00	mg/L	WW	0.6097		4	0.0028	0.1	X
2.00	mg/L	WW	0.5563		4	0.0028	0.1	X
2.00	mg/L	WW	0.7667		4	0.0028	0.1	X
2.00	mg/L	WW	0.543		3	0.0028	0.1	X
2.00	mg/L	WW	0.6161		4	0.0028	0.1	X
2.00	mg/L	WW	0.6217		4	0.0028	0.1	X
2.00	mg/L	WW	0.203		3	0.0028	0.1	X
2.00	mg/L	WW	0.2854		4	0.0028	0.1	X
2.00	mg/L	WW	0.1903		4	0.0028	0.1	X
2.00	mg/L	WW	0.3494		4	0.0028	0.1	X
2.00	mg/L	WW	0.666		3	0.0028	0.1	X
2.00	mg/L	WW	0.3951		4	0.0028	0.1	X
2.00	mg/L	WW	0.4655		4	0.0028	0.1	X
2.00	mg/L	WW	0.6041		4	0.0028	0.1	X
2.00	mg/L	WW	0.4852		4	0.0028	0.1	X
2.00	mg/L	WW	0.5113		4	0.0028	0.1	X
2.00	mg/L	WW	0.5099		4	0.0028	0.1	X
2.00	mg/L	WW	0.6956		4	0.0028	0.1	X
2.00	mg/L	WW	0.495		3	0.0028	0.1	X
2.00	mg/L	WW	0.4788		4	0.0028	0.1	X
2.00	mg/L	WW	0.7899		4	0.0028	0.1	X
2.00	mg/L	WW	0.647		3	0.0028	0.1	X
2.00	mg/L	WW	0.5971		4	0.0028	0.1	X
2.00	mg/L	WW	0.6076		4	0.0028	0.1	X
2.00	mg/L	WW	0.4972		4	0.0028	0.1	X
2.00	mg/L	WW	0.0174		4	0.0021	0.05	X

2.00	mg/L	WW	0.035		3	0.0021	0.05	X
2.00	mg/L	WW	0.033		3	0.0021	0.05	X
2.00	mg/L	WW	0.1194		4	0.0021	0.05	X
2.00	mg/L	WW	0.1392		4	0.0021	0.05	X
2.00	mg/L	WW	0.1325		4	0.0021	0.05	X
2.00	mg/L	WW	0.291		3	0.0021	0.05	X
2.00	mg/L	WW	0.3798		4	0.0021	0.05	X
2.00	mg/L	WW	0.0299		4	0.0021	0.05	X
2.00	mg/L	WW	0.0616		4	0.0021	0.05	X
2.00	mg/L	WW	0.4117		4	0.0021	0.05	X
2.00	mg/L	WW	0.2874		4	0.0021	0.05	X
2.00	mg/L	WW	0.519		3	0.0021	0.05	X
2.00	mg/L	WW	0.3483		4	0.0021	0.05	X
2.00	mg/L	WW	0.5758		4	0.0021	0.05	X
2.00	mg/L	WW	0.384		3	0.0021	0.05	X
2.00	mg/L	WW	0.0501		4	0.0021	0.05	X
2.00	mg/L	WW	0.0675		4	0.0021	0.05	X
2.00	mg/L	WW	0.0402		4	0.0021	0.05	X
2.00	mg/L	WW	0.071		3	0.0021	0.05	X
2.00	mg/L	WW	0.1414		4	0.0021	0.05	X
2.00	mg/L	WW	0.1296		4	0.0021	0.05	X
2.00	mg/L	WW	0.1509		4	0.0021	0.05	X
2.00	mg/L	WW	0.1434		4	0.0021	0.05	X
2.00	mg/L	WW	0.188		3	0.0021	0.05	X
2.00	mg/L	WW	0.1501		4	0.0021	0.05	X
2.00	mg/L	WW	0.1069		4	0.0021	0.05	X
2.00	mg/L	WW	0.1931		4	0.0021	0.05	X
2.00	mg/L	WW	0.1539		4	0.0021	0.05	X
2.00	mg/L	WW	0.2117		4	0.0021	0.05	X
2.00	mg/L	WW	0.2048		4	0.0021	0.05	X
2.00	mg/L	WW	0.1837		4	0.0021	0.05	X
2.00	mg/L	WW	0.3762		4	0.0021	0.05	X
2.00	mg/L	WW	0.4107		4	0.0021	0.05	X
2.00	mg/L	WW	0.2542		4	0.0021	0.05	X
0.00	mg/L	WW	0.5			0.5	5	X
0.00	mg/L	WW	8.3			0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X

0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	68.5			0.5	5	X
0.00	mg/L	WW	3.8	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	4.3	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	1.5	DNQ		0.5	5	X
0.00	mg/L	WW	3.3	DNQ		0.5	5	X
0.00	mg/L	WW	3.7	DNQ		0.5	5	X
0.00	mg/L	WW	4.7	DNQ		0.5	5	X
0.00	mg/L	WW	6.3			0.5	5	X
0.00	mg/L	WW	6			0.5	5	X
0.00	mg/L	WW	14.5			0.5	5	X
0.00	mg/L	WW	12.8			0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.7	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	1.7	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	6			0.5	5	X
0.00	mg/L	WW	8			0.5	5	X
0.00	mg/L	WW	4.2	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	1.3	DNQ		0.5	5	X
0.00	mg/L	WW	2.7	DNQ		0.5	5	X
0.00	mg/L	WW	3.7	DNQ		0.5	5	X
0.00	mg/L	WW	4.7	DNQ		0.5	5	X
0.00	mg/L	WW	2.7	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.014007		2	0.001	0.004	X
3.00	mg/L	WW	0.0126063		2	0.001	0.004	X
3.00	mg/L	WW	0.2031015		2	0.001	0.004	X
3.00	mg/L	WW	0.0644322		2	0.001	0.004	X
3.00	mg/L	WW	0.5196597		2	0.001	0.004	X
3.00	mg/L	WW	0.2857428		2	0.001	0.004	X
3.00	mg/L	WW	0.8138067		2	0.001	0.004	X

0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	4.4			2	2	X
0.00	mg/L	WW	7.9			2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	3.6			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	3.5			1	2	X
0.00	mg/m3	WW	1.4	DNQ		1	2	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	0.0098049	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.2073036		2	0.007	0.02	X
3.00	mg/L	WW	0.0336168		2	0.007	0.02	X
3.00	mg/L	WW	0.0504252		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.0084042	DNQ	1	0.007	0.02	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0602301		2	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.0056028		1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	0.0092922		1	0.003	0.009	X
3.00	mg/L	WW	0.0030974	DNQ	1	0.003	0.009	X
3.00	mg/L	WW	0.0867272		2	0.003	0.009	X
3.00	mg/L	WW	0.0185844		2	0.003	0.009	X
3.00	mg/L	WW	0.030974		2	0.003	0.009	X
3.00	mg/L	WW	0.557532		2	0.003	0.009	X

3.00	mg/L	WW	0.15487		2	0.003	0.009	X
3.00	mg/L	WW	1.2355		4	0.0028	0.1	H
3.00	mg/L	WW	0.1362		4	0.0028	0.1	H
3.00	mg/L	WW	0.139		3	0.0028	0.1	H
3.00	mg/L	WW	0.8239		4	0.0028	0.1	H
3.00	mg/L	WW	1.0787		5	0.0028	0.1	H
3.00	mg/L	WW	1.7104		5	0.0028	0.1	H
3.00	mg/L	WW	2.2149		5	0.0028	0.1	H
3.00	mg/L	WW	0.7302		4	0.0028	0.1	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	0.107		3	0.0021	0.05	H
3.00	mg/L	WW	0.0578		4	0.0021	0.05	H
3.00	mg/L	WW	0.0589		4	0.0021	0.05	H
3.00	mg/L	WW	0.6768		4	0.0021	0.05	H
3.00	mg/L	WW	0.4409		4	0.0021	0.05	H
2.00	mg/L	WW	-0.1	ND	1	0.0028	0.1	H
2.00	mg/L	WW	0.1578		4	0.0028	0.1	H
2.00	mg/L	WW	0.1214		4	0.0028	0.1	H
2.00	mg/L	WW	0.8627		4	0.0028	0.1	H
2.00	mg/L	WW	0.4634		4	0.0028	0.1	H
2.00	mg/L	WW	0.4897		4	0.0028	0.1	H
2.00	mg/L	WW	0.8119		4	0.0028	0.1	H
2.00	mg/L	WW	0.7713		4	0.0028	0.1	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.0219		4	0.0021	0.05	H
2.00	mg/L	WW	0.019		3	0.0021	0.05	H
2.00	mg/L	WW	0.1366		4	0.0021	0.05	H
2.00	mg/L	WW	0.0657		4	0.0021	0.05	H
2.00	mg/L	WW	0.0681		4	0.0021	0.05	H
2.00	mg/L	WW	0.5331		4	0.0021	0.05	H
2.00	mg/L	WW	0.4276		4	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
0.00	mg/L	WW	6.3			0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.3	DNQ		0.5	5	X

0.00	mg/L	WW	3.8	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	0.0084042		1	0.001	0.004	X
3.00	mg/L	WW	0.0154077		2	0.001	0.004	X
3.00	mg/L	WW	0.1456728		2	0.001	0.004	X
3.00	mg/L	WW	0.0336168		2	0.001	0.004	X
3.00	mg/L	WW	0.3879939		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	2.5			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	4.8			2	2	X
0.00	mg/L	WW	2.4			2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	1.2	DNQ		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	7.5			1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
3.00	mg/L	WW	-88		2	0.007	0.02	BRK
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.1204602		2	0.007	0.02	X
3.00	mg/L	WW	0.0322161		2	0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-88		2	0.001	0.004	BRK
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0294147		2	0.001	0.004	X
3.00	mg/L	WW	0.0028014	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-88		2	0.003	0.009	BRK
3.00	mg/L	WW	-0.009	ND		0.003	0.009	X

3.00	mg/L	WW	0.0123896		2	0.003	0.009	X
3.00	mg/L	WW	0.015487		2	0.003	0.009	X
3.00	mg/L	WW	0.108409		2	0.003	0.009	X
3.00	mg/L	WW	0.0495584		2	0.003	0.009	X
3.00	mg/L	WW	0.7216942		2	0.003	0.009	X
3.00	mg/L	WW	0.6651		4	0.0028	0.1	H
3.00	mg/L	WW	0.2359		4	0.0028	0.1	H
3.00	mg/L	WW	0.0965		4	0.0028	0.1	H
3.00	mg/L	WW	0.9045		4	0.0028	0.1	H
3.00	mg/L	WW	0.3892		4	0.0028	0.1	H
3.00	mg/L	WW	0.6723		4	0.0028	0.1	H
3.00	mg/L	WW	0.8655		4	0.0028	0.1	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	0.1167		4	0.0021	0.05	H
3.00	mg/L	WW	0.0431		4	0.0021	0.05	H
3.00	mg/L	WW	0.7183		4	0.0021	0.05	H
3.00	mg/L	WW	0.3196		4	0.0021	0.05	H
2.00	mg/L	WW	0.062		3	0.0028	0.1	H
2.00	mg/L	WW	0.1462		4	0.0028	0.1	H
2.00	mg/L	WW	0.2367		4	0.0028	0.1	H
2.00	mg/L	WW	0.929		3	0.0028	0.1	H
2.00	mg/L	WW	0.4108		4	0.0028	0.1	H
2.00	mg/L	WW	0.9846		4	0.0028	0.1	H
2.00	mg/L	WW	0.5104		4	0.0028	0.1	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.0151		4	0.0021	0.05	H
2.00	mg/L	WW	0.0134		4	0.0021	0.05	H
2.00	mg/L	WW	0.1136		4	0.0021	0.05	H
2.00	mg/L	WW	0.0414		4	0.0021	0.05	H
2.00	mg/L	WW	0.662		3	0.0021	0.05	H
2.00	mg/L	WW	0.305		3	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	3.2	DNQ		0.5	5	X
0.00	mg/L	WW	5.7			0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X
0.00	mg/L	WW	1.5	DNQ		0.5	5	X
0.00	mg/L	WW	2.5	DNQ		0.5	5	X

0.00	mg/L	WW	1.5	DNQ		0.5	5	X
3.00	mg/L	WW	0.1834917		2	0.001	0.004	X
3.00	mg/L	WW	0.0042021		1	0.001	0.004	X
3.00	mg/L	WW	0.0070035		1	0.001	0.004	X
3.00	mg/L	WW	0.0224112		2	0.001	0.004	X
3.00	mg/L	WW	0.1596798		2	0.001	0.004	X
3.00	mg/L	WW	0.028014		2	0.001	0.004	X
3.00	mg/L	WW	1.218609		2	0.001	0.004	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	27.7			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	3.9			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	-0.02	ND		0.007	0.02	X
3.00	mg/L	WW	0.1610805		2	0.007	0.02	X
3.00	mg/L	WW	0.0182091	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.0322161		2	0.007	0.02	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.0462231		2	0.001	0.004	X
3.00	mg/L	WW	0.0014007	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.2601816		2	0.003	0.009	X
3.00	mg/L	WW	-0.009	ND		0.003	0.009	X
3.00	mg/L	WW	0.0123896		2	0.003	0.009	X

3.00	mg/L	WW	0.015487		2	0.003	0.009	X
3.00	mg/L	WW	0.0991168		2	0.003	0.009	X
3.00	mg/L	WW	0.030974		2	0.003	0.009	X
3.00	mg/L	WW	0.8889538		2	0.003	0.009	X
3.00	mg/L	WW	0.1098		4	0.0028	0.1	H
3.00	mg/L	WW	0.1522		4	0.0028	0.1	H
3.00	mg/L	WW	0.2927		4	0.0028	0.1	H
3.00	mg/L	WW	0.8092		4	0.0028	0.1	H
3.00	mg/L	WW	0.2887		4	0.0028	0.1	H
3.00	mg/L	WW	0.7665		4	0.0028	0.1	H
3.00	mg/L	WW	1.2918		5	0.0028	0.1	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
3.00	mg/L	WW	0.1007		4	0.0021	0.05	H
3.00	mg/L	WW	0.0184		4	0.0021	0.05	H
3.00	mg/L	WW	0.9885		4	0.0021	0.05	H
3.00	mg/L	WW	0.1735		4	0.0021	0.05	H
2.00	mg/L	WW	0.1599		4	0.0028	0.1	H
2.00	mg/L	WW	0.3016		4	0.0028	0.1	H
2.00	mg/L	WW	0.3706		4	0.0028	0.1	H
2.00	mg/L	WW	0.7784		4	0.0028	0.1	H
2.00	mg/L	WW	0.394		3	0.0028	0.1	H
2.00	mg/L	WW	1.3868		5	0.0028	0.1	H
2.00	mg/L	WW	0.4486		4	0.0028	0.1	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.0149		4	0.0021	0.05	H
2.00	mg/L	WW	-0.05	ND	1	0.0021	0.05	H
2.00	mg/L	WW	0.0825		4	0.0021	0.05	H
2.00	mg/L	WW	0.0363		4	0.0021	0.05	H
2.00	mg/L	WW	0.8299		4	0.0021	0.05	H
2.00	mg/L	WW	0.2218		4	0.0021	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	3.8	DNQ		0.5	5	X
0.00	mg/L	WW	3.5	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X
0.00	mg/L	WW	3	DNQ		0.5	5	X
0.00	mg/L	WW	3.8	DNQ		0.5	5	X
0.00	mg/L	WW	2.8	DNQ		0.5	5	X

3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.006		1	0.001	0.004	X
3.00	mg/L	WW	0.008		1	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.004		1	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.013		2	0.001	0.004	X
3.00	mg/L	WW	0.006		1	0.001	0.004	X
3.00	mg/L	WW	0.13		2	0.001	0.004	X
3.00	mg/L	WW	0.043		2	0.001	0.004	X
3.00	mg/L	WW	0.11		2	0.001	0.004	X
3.00	mg/L	WW	0.017		2	0.001	0.004	X
3.00	mg/L	WW	0.055		2	0.001	0.004	X
3.00	mg/L	WW	0.8		2	0.001	0.004	X
3.00	mg/L	WW	0.099		2	0.001	0.004	X
3.00	mg/L	WW	0.084		2	0.001	0.004	X
0.00	mg/L	WW	10			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/L	WW	2.4			2	2	X
0.00	mg/L	WW	-2	ND		2	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.2			1	2	X

0.00	mg/m3	WW	2.3			1	2	X
0.00	mg/m3	WW	3.1			1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	2.3			1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	-1	ND		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	2.2			1	2	X
0.00	mg/m3	WW	3.9			1	2	X
0.00	mg/m3	WW	1.3	DNQ		1	2	X
0.00	mg/m3	WW	1.8	DNQ		1	2	X
0.00	mg/m3	WW	2.7			1	2	X
0.00	mg/m3	WW	4.5			1	2	X
0.00	mg/m3	WW	3.7			1	2	X
0.00	mg/m3	WW	4.3			1	2	X
3.00	mg/L	WW	0.01	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.027		2	0.007	0.02	X
3.00	mg/L	WW	0.021		2	0.007	0.02	X
3.00	mg/L	WW	0.022		2	0.007	0.02	X
3.00	mg/L	WW	0.017	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.022		2	0.007	0.02	X
3.00	mg/L	WW	0.036		2	0.007	0.02	X
3.00	mg/L	WW	0.024		2	0.007	0.02	X
3.00	mg/L	WW	0.017	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.01	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.011	DNQ	2	0.007	0.02	X
3.00	mg/L	WW	0.32		2	0.007	0.02	X
3.00	mg/L	WW	0.2		2	0.007	0.02	X
3.00	mg/L	WW	1.8		2	0.007	0.02	X
3.00	mg/L	WW	0.43		2	0.007	0.02	X
3.00	mg/L	WW	0.4		2	0.007	0.02	X
3.00	mg/L	WW	0.035		2	0.007	0.02	X
3.00	mg/L	WW	0.076		2	0.007	0.02	X
3.00	mg/L	WW	0.059		2	0.007	0.02	X
3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X

3.00	mg/L	WW	0.004		1	0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	-0.004	ND		0.001	0.004	X
3.00	mg/L	WW	0.006		1	0.001	0.004	X
3.00	mg/L	WW	-0.001	ND		0.001	0.004	X
3.00	mg/L	WW	-0.001	ND		0.001	0.004	X
3.00	mg/L	WW	-0.001	ND		0.001	0.004	X
3.00	mg/L	WW	0.001	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	0.008		1	0.001	0.004	X
3.00	mg/L	WW	0.004		1	0.001	0.004	X
3.00	mg/L	WW	0.028		2	0.001	0.004	X
3.00	mg/L	WW	0.008		1	0.001	0.004	X
3.00	mg/L	WW	0.007		1	0.001	0.004	X
3.00	mg/L	WW	0.007		1	0.001	0.004	X
3.00	mg/L	WW	0.004		1	0.001	0.004	X
3.00	mg/L	WW	0.003	DNQ	1	0.001	0.004	X
3.00	mg/L	WW	-0.003	ND		0.003	0.009	X
3.00	mg/L	WW	0.1		2	0.003	0.009	X
3.00	mg/L	WW	0.043		2	0.003	0.009	X
3.00	mg/L	WW	0.11		2	0.003	0.009	X
3.00	mg/L	WW	0.11		2	0.003	0.009	X
3.00	mg/L	WW	0.11		2	0.003	0.009	X
3.00	mg/L	WW	0.12		2	0.003	0.009	X
3.00	mg/L	WW	0.12		2	0.003	0.009	X
3.00	mg/L	WW	0.14		2	0.003	0.009	X
3.00	mg/L	WW	0.19		2	0.003	0.009	X
3.00	mg/L	WW	0.12		2	0.003	0.009	X
3.00	mg/L	WW	0.034		2	0.003	0.009	X
3.00	mg/L	WW	0.022		2	0.003	0.009	X
3.00	mg/L	WW	0.071		2	0.003	0.009	X
3.00	mg/L	WW	0.04		2	0.003	0.009	X
3.00	mg/L	WW	0.037		2	0.003	0.009	X
3.00	mg/L	WW	0.37		2	0.003	0.009	X
3.00	mg/L	WW	0.12		2	0.003	0.009	X
3.00	mg/L	WW	0.096		2	0.003	0.009	X
3.00	mg/L	WW	0.3933		4	0.0028	0.1	H
3.00	mg/L	WW	0.3808		4	0.0028	0.1	H
3.00	mg/L	WW	0.4999		4	0.0028	0.1	H
3.00	mg/L	WW	0.6178		4	0.0028	0.1	H

3.00	mg/L	WW	0.8984		4	0.0028	0.1	H
3.00	mg/L	WW	0.8971		4	0.0028	0.1	H
3.00	mg/L	WW	0.3522		4	0.0028	0.1	H
3.00	mg/L	WW	0.2442		4	0.0028	0.1	H
3.00	mg/L	WW	0.75		2	0.0028	0.1	H
3.00	mg/L	WW	0.4277		4	0.0028	0.1	H
3.00	mg/L	WW	0.2162		4	0.0028	0.1	H
3.00	mg/L	WW	0.7799		4	0.0028	0.1	H
3.00	mg/L	WW	0.7812		4	0.0028	0.1	H
3.00	mg/L	WW	2.9777		5	0.0028	0.1	H
3.00	mg/L	WW	0.8294		4	0.0028	0.1	H
3.00	mg/L	WW	1.5735		5	0.0028	0.1	H
3.00	mg/L	WW	1.4067		5	0.0028	0.1	H
3.00	mg/L	WW	0.7942		4	0.0028	0.1	H
3.00	mg/L	WW	1.0676		5	0.0028	0.1	H
3.00	mg/L	WW	0.0419		4	0.0022	0.05	H
3.00	mg/L	WW	0.1127		4	0.0022	0.05	H
3.00	mg/L	WW	0.1385		4	0.0022	0.05	H
3.00	mg/L	WW	0.1256		4	0.0022	0.05	H
3.00	mg/L	WW	0.1338		4	0.0022	0.05	H
3.00	mg/L	WW	0.1455		4	0.0022	0.05	H
3.00	mg/L	WW	0.1484		4	0.0022	0.05	H
3.00	mg/L	WW	0.1347		4	0.0022	0.05	H
3.00	mg/L	WW	0.1074		4	0.0022	0.05	H
3.00	mg/L	WW	0.202		3	0.0022	0.05	H
3.00	mg/L	WW	0.1553		4	0.0022	0.05	H
3.00	mg/L	WW	0.1345		4	0.0022	0.05	H
3.00	mg/L	WW	0.18		2	0.0022	0.05	H
3.00	mg/L	WW	0.2008		4	0.0022	0.05	H
3.00	mg/L	WW	0.132		3	0.0022	0.05	H
3.00	mg/L	WW	0.1575		4	0.0022	0.05	H
3.00	mg/L	WW	0.2134		4	0.0022	0.05	H
3.00	mg/L	WW	0.1448		4	0.0022	0.05	H
3.00	mg/L	WW	0.5922		4	0.0022	0.05	H
2.00	mg/L	WW	0.8866		4	0.0028	0.1	H
2.00	mg/L	WW	0.3542		4	0.0028	0.1	H
2.00	mg/L	WW	0.3059		4	0.0028	0.1	H
2.00	mg/L	WW	0.6555		4	0.0028	0.1	H
2.00	mg/L	WW	0.5872		4	0.0028	0.1	H
2.00	mg/L	WW	0.2825		4	0.0028	0.1	H

2.00	mg/L	WW	0.4621		4	0.0028	0.1	H
2.00	mg/L	WW	0.3594		4	0.0028	0.1	H
2.00	mg/L	WW	0.496		3	0.0028	0.1	H
2.00	mg/L	WW	0.6992		4	0.0028	0.1	H
2.00	mg/L	WW	0.4159		4	0.0028	0.1	H
2.00	mg/L	WW	0.791		3	0.0028	0.1	H
2.00	mg/L	WW	0.8847		4	0.0028	0.1	H
2.00	mg/L	WW	2.9359		5	0.0028	0.1	H
2.00	mg/L	WW	0.8112		4	0.0028	0.1	H
2.00	mg/L	WW	0.9264		4	0.0028	0.1	H
2.00	mg/L	WW	1.4615		5	0.0028	0.1	H
2.00	mg/L	WW	0.709		3	0.0028	0.1	H
2.00	mg/L	WW	1.0669		5	0.0028	0.1	H
2.00	mg/L	WW	0.058		3	0.0022	0.05	H
2.00	mg/L	WW	0.1168		4	0.0022	0.05	H
2.00	mg/L	WW	0.145		3	0.0022	0.05	H
2.00	mg/L	WW	0.141		3	0.0022	0.05	H
2.00	mg/L	WW	0.1123		4	0.0022	0.05	H
2.00	mg/L	WW	0.1378		4	0.0022	0.05	H
2.00	mg/L	WW	0.1317		4	0.0022	0.05	H
2.00	mg/L	WW	0.1604		4	0.0022	0.05	H
2.00	mg/L	WW	0.1574		4	0.0022	0.05	H
2.00	mg/L	WW	0.1803		4	0.0022	0.05	H
2.00	mg/L	WW	0.1488		4	0.0022	0.05	H
2.00	mg/L	WW	0.1373		4	0.0022	0.05	H
2.00	mg/L	WW	0.1855		4	0.0022	0.05	H
2.00	mg/L	WW	0.212		4	0.0022	0.05	H
2.00	mg/L	WW	0.159		3	0.0022	0.05	H
2.00	mg/L	WW	0.182		3	0.0022	0.05	H
2.00	mg/L	WW	0.4789		4	0.0022	0.05	H
2.00	mg/L	WW	0.1698		4	0.0022	0.05	H
2.00	mg/L	WW	0.2051		4	0.0022	0.05	H
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	4.5	DNQ		0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	1	DNQ		0.5	5	X
0.00	mg/L	WW	1.3	DNQ		0.5	5	X
0.00	mg/L	WW	1.8	DNQ		0.5	5	X
0.00	mg/L	WW	1.3	DNQ		0.5	5	X

0.00	mg/L	WW	-5	ND		0.5	5	X
0.00	mg/L	WW	1.3	DNQ		0.5	5	X
0.00	mg/L	WW	0.5			0.5	5	X
0.00	mg/L	WW	0.7	DNQ		0.5	5	X
0.00	mg/L	WW	5			0.5	5	X
0.00	mg/L	WW	11			0.5	5	X
0.00	mg/L	WW	38.3			0.5	5	X
0.00	mg/L	WW	4.3	DNQ		0.5	5	X
0.00	mg/L	WW	4	DNQ		0.5	5	X
0.00	mg/L	WW	4.7	DNQ		0.5	5	X
0.00	mg/L	WW	1.8	DNQ		0.5	5	X
0.00	mg/L	WW	4.3	DNQ		0.5	5	X
2.00	%		3.4					X
2.00	%		17.2					X
2.00	%		8.1					X
2.00	%		9.2					X
2.00	%		12					X
2.00	%		7.9					X
2.00	%		5.5					X
2.00	%		2.4					X
2.00	%		4.4					X
2.00	%		5.9					X
2.00	%		3					X
2.00	%		3.5					X
2.00	%		-88					BRK
2.00	%		96.6					X
2.00	%		82.8					X
2.00	%		91.9					X
2.00	%		90.8					X
2.00	%		88					X
2.00	%		92.1					X
2.00	%		94.5					X
2.00	%		97.6					X
2.00	%		95.6					X
2.00	%		94.1					X
2.00	%		97					X
2.00	%		96.5					X
2.00	%		-88					BRK
2.00	%		0.11					X
2.00	%		0.53					X

2.00	%		0.02					X
2.00	%		0.17					X
2.00	%		0.42					X
2.00	%		0.22					X
2.00	%		0.23					X
2.00	%		0.25					X
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2.00	%		0.0339					X
2.00	%		0.0226					X
2.00	%		2.09					X
2.00	%		0.0299					X

2.00	%		0.0268					X
2.00	%		0.0262					X
2.00	%		0.0166					X
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2.00	%		0.0079					X
2.00	%		0.0117					X
2.00	%		0.0203					X
2.00	%		0.0254					X
2.00	%		0.014					X
2.00	%		0.0171					X
2.00	%		0.0147					X

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Field duplicate RPD exceeded 25% criterion.
Field duplicate RPD exceeded 25% criterion.
lab dup (46%)exceeded 25% RPD criterion.
lab dup 46% exceeded 30% RPD criterion
lab dup 46% exceeded 30% RPD criterion
lab dup (40%) exceeded 30% RPD criterion.
lab dup (40%) exceeded 30% RPD criterion.
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lab dup (40%) exceeded 30% RPD criterion.

Result rejected as total nitrogen result is less.
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Result rejected as total nitrogen result is less.
Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
Result rejected as total nitrogen result is less.
Result rejected as total nitrogen result is less.
MS/MSD %R exceeds 120%
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Bottle broken no analysis
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Result rejected as total nitrogen result is less.
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Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
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Field duplicate RPD exceeded 25% criterion.
Field duplicate RPD exceeded 25% criterion.

lab dup (38%) exceeds 30% criteria
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lab dup (38%) exceeded 30% RPD criterion.
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Result rejected as total nitrogen result is less.
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Result rejected due to unquantifiable nitrogen signature due to filtering methodology.
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lab dup (75%) exceeds 25% criteria
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Field duplicate RPD exceeded 25% criterion.
Field duplicate RPD exceeded 25% criterion.

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Field duplicate RPD exceeded 25% criterion.
Field duplicate RPD exceeded 25% criterion.

Holding time exceeds 28 days. Result rejected as total nitrogen result is less.
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Field duplicate RPD exceeded 25% criterion.
Field duplicate RPD exceeded 25% criterion.

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Field duplicate RPD exceeded 25% criterion. Holding time exceeded 28 days.
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Field duplicate RPD exceeded 25% criterion. Holding time exceeded 28 days.
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Field duplicate RPD exceeded 20% criterion.
Field duplicate RPD exceeded 20% criterion.
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