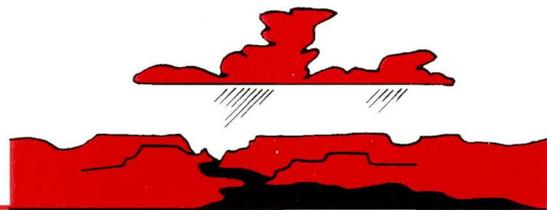


Flood Control District of Maricopa County  
Property of  
District of MC Library  
Please Return to  
2000 W. Durango  
Phoenix, AZ 85009



# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

**Stormwater Quality Report  
City of Glendale, Arizona**

**Fourth Quarter 2002**

**July 11, 2002**

# Stormwater Quality Report

Fourth Quarter, Sampling Year 2002

April 1, 2002 through June 30, 2002

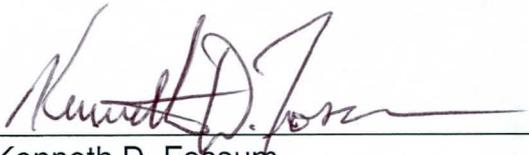
For

**City of Glendale, Arizona**

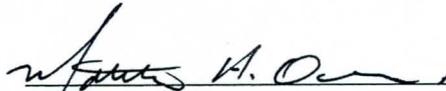
July 11, 2002

Property of  
Flood Control District of MC Library  
Please Return to  
2801 W. Durango  
Phoenix, AZ 85009

Prepared by:

  
Kenneth D. Fossum  
USGS Hydrologist

Reviewed by:

  
Matthew A. Oller  
Water Quality Hydrologist

Stormwater Quality Report  
City of Glendale, Arizona

Fourth Quarter 2002

July 11, 2002

## Introduction

The U.S. Geological Survey operates and maintains five land based stormwater monitoring stations for the City of Glendale for compliance with their National Pollutant Discharge Elimination System (NPDES) stormwater discharge permit.

This report details stormwater sampling and equipment upkeep for the five Glendale stations for the period from April 1, 2002 through June 30, 2002.

During storm events, only representative storm events are sampled. A representative storm event has occurred when the following criteria have been met **and there has been no rainfall greater than 0.10 inches within the previous 72 hours.**

<b>GLENDALE</b>	<b>RAINFALL</b>	<b>DURATION</b>
<b>WINTER</b> <b>(October – March)</b>	<b>0.2 – 0.7 INCHES</b>	<b>5.2 – 15.6 HOURS</b>
<b>SUMMER</b> <b>(April – September)</b>	<b>0.2 – 0.8 INCHES</b>	<b>2.2 – 6.5 HOURS</b>

Storm duration is defined as the time period from start to end of a sustained rainfall. Sustained rainfall is defined as rainfall that continues without a gap of greater than 150 consecutive minutes. If a gap greater than 150 consecutive minutes occurs, then the rainfall is considered to be from a separate storm event. Summer months are April through September and winter months are October through March.

## Representative Storm Event Summaries

This is a summary of representative storm events that occurred during the fourth quarter of the 2002 sample year, from April 1 through June 30, 2002. No representative storm events occurred during this period.

Table 1 of this report, lists storm events with rainfall greater than 0.20 inches of rain (Glendale minimum winter rainfall criteria). Table 1 also specifies reasons why samples were not collected and/or analyzed. Table 2 of this report, summarizes data retrievals from the sites.

**TABLE 1**  
**SUMMARY OF GLENDALE STORM EVENTS**  
**WITH RAINFALL > 0.20 INCHES BUT NOT SAMPLED**  
**APRIL 1, 2002 – JUNE 30, 2002**

<b>SITE</b>	<b>DATE</b>	<b>RAIN</b> <b>(inches)</b>	<b>REASONS NOT SAMPLED</b>
<b>None</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 2**  
**SUMMARY OF DATA RETRIEVALS**  
**APRIL 1, 2002 – JUNE 30, 2002**

SITE	DATE	RETRIEVAL TYPE
ARROW	04/05/02	Phone - Weekly
ARROW	04/08/02	Onsite
ARROW	04/12/02	Phone - Weekly
ARROW	04/19/02	Phone - Weekly
ARROW	04/25/02	Onsite
ARROW	05/03/02	Phone - Weekly
ARROW	05/10/02	Phone - Weekly
ARROW	05/17/02	Phone - Weekly
ARROW	05/20/02	Onsite
ARROW	05/24/02	Phone - Weekly
ARROW	05/31/02	Phone - Weekly
ARROW	06/04/02	Onsite
ARROW	06/07/02	Phone - Weekly
ARROW	06/14/02	Phone - Weekly
ARROW	06/21/02	Phone - Weekly
ARROW	06/28/02	Phone - Weekly

BUTLER	04/05/02	Phone - Weekly
BUTLER	04/12/02	Phone - Weekly
BUTLER	04/19/02	Phone - Weekly
BUTLER	04/26/02	Phone - Weekly
BUTLER	05/03/02	Phone - Weekly
BUTLER	05/10/02	Phone - Weekly
BUTLER	05/17/02	Phone - Weekly
BUTLER	05/20/02	Onsite
BUTLER	05/24/02	Phone - Weekly
BUTLER	05/31/02	Phone - Weekly
BUTLER	06/04/02	Onsite
BUTLER	06/07/02	Phone - Weekly
BUTLER	06/14/02	Phone - Weekly
BUTLER	06/21/02	Phone - Weekly
BUTLER	06/28/02	Phone - Weekly

CITRUS	04/05/02	Phone - Weekly
CITRUS	04/12/02	Phone - Weekly
CITRUS	04/19/02	Phone - Weekly
CITRUS	04/26/02	Phone - Weekly
CITRUS	05/03/02	Phone - Weekly
CITRUS	05/10/02	Phone - Weekly
CITRUS	05/17/02	Phone - Weekly
CITRUS	05/20/02	Onsite
CITRUS	05/24/02	Phone - Weekly
CITRUS	05/31/02	Phone - Weekly
CITRUS	06/04/02	Onsite
CITRUS	06/07/02	Phone - Weekly
CITRUS	06/14/02	Phone - Weekly
CITRUS	06/21/02	Phone - Weekly
CITRUS	06/28/02	Phone - Weekly

IND PARK	04/05/02	Phone - Weekly
IND PARK	04/12/02	Phone - Weekly
IND PARK	04/19/02	Phone - Weekly
IND PARK	04/25/02	Onsite
IND PARK	05/03/02	Phone - Weekly
IND PARK	05/10/02	Phone - Weekly
IND PARK	05/17/02	Phone - Weekly
IND PARK	05/24/02	Phone - Weekly
IND PARK	05/31/02	Phone - Weekly
IND PARK	06/04/02	Onsite
IND PARK	06/07/02	Phone - Weekly
IND PARK	06/14/02	Phone - Weekly
IND PARK	06/21/02	Phone - Weekly
IND PARK	06/28/02	Phone - Weekly

OLIVE	04/05/02	Phone - Weekly
OLIVE	04/12/02	Phone - Weekly
OLIVE	04/19/02	Phone - Weekly
OLIVE	05/03/02	Phone - Weekly
OLIVE	05/10/02	Phone - Weekly
OLIVE	05/17/02	Phone - Weekly
OLIVE	05/24/02	Phone - Weekly
OLIVE	05/31/02	Phone - Weekly
OLIVE	06/07/02	Phone - Weekly
OLIVE	06/14/02	Phone - Weekly
OLIVE	06/21/02	Phone - Weekly
OLIVE	06/28/02	Phone - Weekly

### **Maintenance Summary**

This section details maintenance activities and problems that occurred from April 1 through June 30, 2002. All water quality samplers are SIGMA 900 MAX models with the exception of the Olive stormwater station, which uses an ISCO model 3700 sampler.

#### **ARROW**

The sampler was reset on April 8, 25 and May 20. The phone battery was replaced on April 8, 25, May 20 and June 12. Data was downloaded to the DTU onsite on April 8, 25, May 20 and June 4. Summer Storm Criteria was set on May 20. Raingage was cleaned and calibrated on June 4.

#### **BUTLER**

The sampler was reset on April 9, 25, May 20. Data was downloaded to the DTU onsite on May 20 and June 4. Summer Storm Criteria was set on May 20. Raingage was cleaned and calibrated on June 4. Installed new intake tubing and strainer on June 4.

## **CITRUS**

The sampler was reset on April 9, 25 and May 20. Data was downloaded to the DTU onsite on May 20 and June 4. Summer Storm Criteria was set on May 20. Raingage was cleaned and calibrated on June 4. Installed new intake tubing on June 5. Installed new intake strainer on June 6.

## **INDUSTRIAL PARK**

The sampler was reset on April 9, 25. Data was downloaded to the DTU onsite on April 25 and June 4. Sampler battery replaced on April 25. Phone line problem reported to MCFCD on May 20. PT was noted drifting on May 20, 29 and June 4. Installed new intake tubing and strainer on June 4. Raingage was cleaned and calibrated on June 4. PT was cleaned and reset on June 6.

## **OLIVE**

The data logger battery was replaced on April 15. Raingage was cleaned and calibrated on May 29. Installed new intake tubing and strainer on June 4.

## **Data compiled for April 1 through June 30, 2002**

The remainder of this report contains data. The following data are included:

- Rainfall tables for five Glendale NPDES raingages.
- Rainfall data for four Glendale ALERT raingages.
- Operation and maintenance log sheets.

**STORM WATER QUALITY RAINFALL GAGES**





Gage Rainfall (inches)													
Gage Number	CITRUS												
Location	Grovers at 71st Avenue												
	July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002	
1													
2													
3	0.07												
4						0.54							
5					0.15								
6	0.12												
7													
8													
9	0.06	0.87											
10		0.02											
11						0.05							
12						0.03							
13													
14													
15													
16													
17		0.36											
18													
19													
20													
21													
22													
23													
24													
25	0.14				0.04								
26													
27													
28													
29	0.15												
30	0.07						0.12						
31													
Month Total	0.61	1.25	0.00	0.00	0.19	0.62	0.12	0.00	0.00	0.00	0.00	0.00	



Gage Rainfall (inches)													
Gage Number		OLIVE											
Location		Olive and 67th Avenue											
		July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002
1													
2													
3													
4							0.56						
5						0.05							
6		0.10											
7													
8													
9			0.23										
10			0.07										
11							0.09						
12													
13													
14													
15													
16													
17			0.15										
18													
19													
20													
21													
22													
23													
24													
25		0.34											
26													
27													
28													
29		0.53											
30		0.09						0.06					
31													
Month Total		1.06	0.45	0.00	0.00	0.05	0.65	0.06	0.00	0.00	0.00	0.00	0.00

FLOOD CONTROL DISTRICT  
A.L.E.R.T GAGES

Gage Rainfall (inches)													
Gage Number		4785											
Location		Butler Park											
		July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002
	1												
	2												
	3												
	4						0.59						
	5					0.04	0.04						
	6												
	7	0.08									0.04		
	8												
	9		0.28										
	10		0.04	--									
	11						0.08						
	12		0.28				0.04						
	13												
	14												
	15												
	16												
	17		0.04										
	18												
	19												
	20												
	21												
	22												
	23												
	24												
	25												
	26	0.16											
	27												
	28												
	29												
	30	0.71						0.04					
	31												
	Month Total	0.95	0.64	0.00	0.00	0.04	0.75	0.04	0.00	0.00	0.04	0.00	0.00

Gage Rainfall (Inches)													
Gage Number		5505											
Location		New River at Glendale Avenue											
		July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002
1													—
2													—
3		0.12											
4		—					0.39						
5		—				0.12							
6		0.12											
7		—											
8		—											
9			0.16										
10			0.04										
11			0.20				0.12						
12													
13													
14		0.04					0.04						
15			0.04										
16													
17			0.16										
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29		0.43											
30		0.12						0.04					
31												—	
Month Total		0.83	0.60	0.00	0.00	0.12	0.55	0.04	0.00	0.00	0.00	0.00	0.00

Gage Rainfall (inches)													
Gage Number		5520											
Location		ACDC at 67th Avenue											
		July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002
1													
2													
3													
4		0.04					0.47						
5						0.20	0.04						
6													
7		0.08											
8													
9			0.63										
10													
11							0.08						
12							0.04						
13													
14													
15													
16													
17			0.31										
18													
19													
20													
21													
22													
23													
24													
25													
26		0.47											
27													
28													
29													
30		0.39						0.08					
31													
Month Total		0.98	0.94	0.00	0.00	0.20	0.63	0.08	0.00	0.00	0.00	0.00	0.00

Gage Rainfall (inches)													
Gage Number		5595											
Location		New River and Bell Road											
		July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002
1													
2													
3		0.16											
4							0.43						
5						0.12							
6		0.08											
7										0.04			
8													
9			0.39										
10			0.04										
11			0.04				0.12						
12							0.04						
13			0.04										
14			0.08										
15							0.04						
16													
17			0.39										
18													
19													
20													
21													
22													
23													
24													
25		0.16											
26													
27													
28													
29		0.39											
30		0.08						0.16					
31													
Month Total		0.87	0.98	0.00	0.00	0.12	0.63	0.16	0.00	0.00	0.04	0.00	0.00

**Operation and maintenance and storm event log sheets**

## STORMWATER O&M LOG SHEET

SITE	Arrow		DATE	08 - April - 02	
ARRIVAL TIME	3:00	DEPARTURE TIME	3:11	SERVICED BY	JLM
SAMPLER	<del>SIGMA</del> OR ISCO		MODEL NUMBER	800	<del>900</del> other

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<del>YES</del> NO	Changed 13.09 volts
SOLAR PANEL CLEAN	<del>YES</del> NO	
CABLES AND CONNECTIONS GOOD	<del>YES</del> NO	
CELLULAR ANTENNA	YES <del>NO</del>	
PHONE TONE	<del>YES</del> NO	
RAINGAGE (screen, funnel, tipping bucket)	<del>YES</del> NO	
SAMPLE TUBING (intake, pump, distributor)	<del>YES</del> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <del>NO</del>	
CALIBRATED DEPTH SENSOR	YES <del>NO</del>	depth (in)
CALIBRATED SAMPLE VOLUME	YES <del>NO</del>	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	Changed battery
2	Had data downloaded
3	Reset sampler

# STORMWATER O&M LOG SHEET

SITE	ARROW			DATE	4/25/02	
ARRIVAL TIME	0905	DEPARTURE TIME	0910	SERVICED BY	Fossum	
SAMPLER	SIGMA ISCO		MODEL NUMBER	900	3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.3 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	<input checked="" type="radio"/> YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input type="radio"/> YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input type="radio"/> YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input type="radio"/> YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	PULLED DATA TO DTU, CHANGED PHONE
2	BATTERY, RESET
3	

## STORMWATER O&M LOG SHEET

SITE	ARROW		DATE	05/20/02	
ARRIVAL TIME	1225	DEPARTURE TIME	1250	SERVICED BY	FOSSUM / HEMAUER
SAMPLER	(SIGMA)	ISCO	MODEL NUMBER	(900)	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	(YES) NO	13.3 volts
SOLAR PANEL CLEAN	(YES) NO	
CABLES AND CONNECTIONS GOOD	(YES) NO	
CELLULAR ANTENNA	(YES) NO	
PHONE TONE	(YES) NO	
RAINGAGE (screen, funnel, tipping bucket)	(YES) NO	
SAMPLE TUBING (intake, pump, distributor)	(YES) NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES (NO)	
CALIBRATED DEPTH SENSOR	YES (NO)	depth (in)
CALIBRATED SAMPLE VOLUME	YES (NO)	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CHANGED PHONE BATTERY - PULLED DATA - RESET SAMPLER
2	SET SUMMER STORM CRITERIA
3	

## STORMWATER O&M LOG SHEET

SITE	ARROW		DATE	6/4/02	
ARRIVAL TIME	1130	DEPARTURE TIME	1205	SERVICED BY	HEMAUER + FOSSUM
SAMPLER	<input checked="" type="radio"/> SIGMA      ISCO		MODEL NUMBER	<input checked="" type="radio"/> 900                      3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.2 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	<input checked="" type="radio"/> YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (Intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input type="radio"/> YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input type="radio"/> YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input type="radio"/> YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED AND CALIBRATED RAINGAGE, PULLED
2	DATA w/DTU.
3	

## STORMWATER O&M LOG SHEET

SITE	ARROW		DATE	06/12/2002	
ARRIVAL TIME	1040	DEPARTURE TIME	1045	SERVICED BY	Fossum/HEMAUER
SAMPLER	<input checked="" type="radio"/> SIGMA <input type="radio"/> ISCO		MODEL NUMBER	<input checked="" type="radio"/> 900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.4 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	<input checked="" type="radio"/> YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input type="radio"/> YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input type="radio"/> YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CHANGED PHONE BATTERY
2	
3	

## STORMWATER O&M LOG SHEET

SITE	Butler		DATE	4-9-02	
ARRIVAL TIME	1243	DEPARTURE TIME	12:55	SERVICED BY	JM, BJW
SAMPLER	SIGMA OR ISCO		MODEL NUMBER	800	900
				other	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.83 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input checked="" type="radio"/> YES <input type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.
1 Reset Sampler.
2
3

## STORMWATER O&M LOG SHEET

SITE	BUTLER		DATE	4/25/02	
ARRIVAL TIME	0810	DEPARTURE TIME	0815	SERVICED BY	Fossum
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	YES NO	12.6 volts
SOLAR PANEL CLEAN	YES NO	
CABLES AND CONNECTIONS GOOD	YES NO	
CELLULAR ANTENNA	YES NO	
PHONE TONE	YES NO	
RAINGAGE (screen, funnel, tipping bucket)	YES NO	
SAMPLE TUBING (intake, pump, distributor)	YES NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES NO	
CALIBRATED DEPTH SENSOR	YES NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	RESET SIGMA
2	
3	

## STORMWATER O&M LOG SHEET

SITE	BUTLER		DATE	05/20/02	
ARRIVAL TIME	1145	DEPARTURE TIME	1205	SERVICED BY	FOSSUM / HEMAUER
SAMPLER	<input checked="" type="radio"/> SIGMA	ISCO	MODEL NUMBER	<input checked="" type="radio"/> 900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.6 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	PULLED DATA - RESET SAMPLER - SET SUMMER
2	STORM CRITERIA
3	

## STORMWATER O&M LOG SHEET

SITE	BUTLER		DATE	6/4/02	
ARRIVAL TIME	0930	DEPARTURE TIME	1110	SERVICED BY	HEMAUER + FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.7 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	INSTALLED NEW INTAKE TUBING & STRAINER
2	CLEANED & CALIBRATED RAINGAGE
3	PULLED DATA W/DTU

## STORMWATER O&M LOG SHEET

SITE	Citrus		DATE	4-9-02		
ARRIVAL TIME	12:21	DEPARTURE TIME	12:30	SERVICED BY	J M. BFW	
SAMPLER	SIGMA OR ISCO		MODEL NUMBER	800	900	other

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	14.04 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	washed
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	<input checked="" type="radio"/> YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	cleaned
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input type="radio"/> YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input type="radio"/> YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input type="radio"/> YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	Reset
2	
3	

# STORMWATER O&M LOG SHEET

SITE	CITRUS		DATE	4/25/02	
ARRIVAL TIME	0925	DEPARTURE TIME	0930	SERVICED BY	FOSSUM
SAMPLER	<input checked="" type="radio"/> SIGMA	ISCO	MODEL NUMBER	<input checked="" type="radio"/> 900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.6 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	RESET
2	
3	

# STORMWATER O&M LOG SHEET

SITE	CITRUS		DATE	05/20/02	
ARRIVAL TIME	1300	DEPARTURE TIME	1350	SERVICED BY	FOSSUM / HEMALIER
SAMPLER	<input checked="" type="radio"/> SIGMA	ISCO	MODEL NUMBER	<input checked="" type="radio"/> 900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	14.0 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input checked="" type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input checked="" type="radio"/> YES <input type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	PULLED DATA - RESET SAMPLER - SET SUMMER
2	STORM CRITERIA
3	

# STORMWATER O&M LOG SHEET

SITE	CITRUS		DATE	6/4/02	
ARRIVAL TIME	1210	DEPARTURE TIME	1250	SERVICED BY	HEMAUER + FOSSUM
SAMPLER	<input checked="" type="radio"/> SIGMA	ISCO	MODEL NUMBER	<input checked="" type="radio"/> 900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.9 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED & CALIBRATED RAINGAGE, PULLED DATA
2	W/DTU.
3	

# STORMWATER O&M LOG SHEET

SITE	CITRUS		DATE	6/5/02	
ARRIVAL TIME	0920	DEPARTURE TIME	1020	SERVICED BY	HEMAUER & FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	14.2 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.

1 INSTALLED NEW INTAKE TUBING.

2

3

## STORMWATER O&M LOG SHEET

SITE	CITRUS		DATE	6/6/02	
ARRIVAL TIME	1005	DEPARTURE TIME	1025	SERVICED BY	HEMAUER & FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.9 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	INSTALLED NEW INTAKE STRAINER.
2	
3	

# STORMWATER O&M LOG SHEET

SITE	IND PARK		DATE	09-April-02	
ARRIVAL TIME	11:26	DEPARTURE TIME	11:39	SERVICED BY	JCM BJW
SAMPLER	<u>SIGMA OR ISCO</u>		MODEL NUMBER	800 <u>900</u>	other

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<u>YES</u> NO	12.18 volts
SOLAR PANEL CLEAN	<u>YES</u> NO	cleaned
CABLES AND CONNECTIONS GOOD	<u>YES</u> NO	
CELLULAR ANTENNA	YES <u>NO</u>	
PHONE TONE	<u>YES</u> NO	
RAINGAGE (screen, funnel, tipping bucket)	<u>YES</u> NO	Cleaned out
SAMPLE TUBING (intake, pump, distributor)	<u>YES</u> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <u>NO</u>	
CALIBRATED DEPTH SENSOR	YES <u>NO</u>	depth (in)
CALIBRATED SAMPLE VOLUME	YES <u>NO</u>	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	Reset sampler
2	
3	

# STORMWATER O&M LOG SHEET

SITE	IND PARK		DATE	4/25/02	
ARRIVAL TIME	0830	DEPARTURE TIME	0850	SERVICED BY	Fossum
SAMPLER	(SIGMA)	ISCO	MODEL NUMBER	(900)	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	(YES) NO	12.8 volts
SOLAR PANEL CLEAN	(YES) NO	
CABLES AND CONNECTIONS GOOD	(YES) NO	
CELLULAR ANTENNA	YES NO	
PHONE TONE	(YES) NO	
RAINGAGE (screen, funnel, tipping bucket)	(YES) NO	
SAMPLE TUBING (intake, pump, distributor)	(YES) NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES (NO)	
CALIBRATED DEPTH SENSOR	YES (NO)	depth (in)
CALIBRATED SAMPLE VOLUME	(YES) NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CHANGED SIGMA BATTERY, PULLED DATA TO
2	DTU, RESET
3	

## STORMWATER O&M LOG SHEET

SITE	IND PARK ORANGEWOOD/W. NEW RIVER		DATE	05/20/02	
ARRIVAL TIME	1030	DEPARTURE TIME	1115	SERVICED BY	FOSSUM / HEMALLER
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.9 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	<input checked="" type="radio"/> YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input checked="" type="radio"/> YES <input type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input checked="" type="radio"/> YES <input type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	PHONE LINE HAS NOISE, NOTIFIED MCFCD.
2	LEVEL IS DRIFTING UPWARD.
3	

## STORMWATER O&M LOG SHEET

SITE	IND PARK		DATE	5/29/02	
ARRIVAL TIME	0800	DEPARTURE TIME	0825	SERVICED BY	HEMAUER + FOSSUM
SAMPLER	<input checked="" type="radio"/> SIGMA <input type="radio"/> ISCO		MODEL NUMBER	<input checked="" type="radio"/> 900                      3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.4 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	CLEANED
SAMPLE TUBING (Intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CALIBRATED DEPTH SENSOR	<input checked="" type="radio"/> YES <input type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	<input checked="" type="radio"/> YES <input type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	PROBLEM W/ PT DRIFTING
2	
3	

## STORMWATER O&M LOG SHEET

SITE	IND. PARK		DATE	05/04/2002	
ARRIVAL TIME	0715	DEPARTURE TIME	08:20	SERVICED BY	FOSSUM/HEMAUER
SAMPLER	(SIGMA)	ISCO	MODEL NUMBER	(900)	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	(YES) NO	12.9 volts
SOLAR PANEL CLEAN	(YES) NO	
CABLES AND CONNECTIONS GOOD	(YES) NO	
CELLULAR ANTENNA	YES NO	
PHONE TONE	(YES) NO	
RAINGAGE (screen, funnel, tipping bucket)	(YES) NO	
SAMPLE TUBING (intake, pump, distributor)	(YES) NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES (NO)	
CALIBRATED DEPTH SENSOR	YES (NO)	depth (in)
CALIBRATED SAMPLE VOLUME	YES (NO)	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	INSTALLED NEW INTAKE TUBING + STRAINER
2	CLEANED + CALIBRATED RAIN GAGE
3	PT STILL DRIFTING. PULLED DATA WITH DTU

# STORMWATER O&M LOG SHEET

SITE	IND PARK		DATE	6/6/02	
ARRIVAL TIME	0730	DEPARTURE TIME	0810	SERVICED BY	HEMAUER & FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.7 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED & RESET PT.
2	
3	

# STORMWATER O&M LOG SHEET

SITE	OLIVE		DATE	4/15/02	
ARRIVAL TIME	12:15	DEPARTURE TIME	12:25	SERVICED BY	FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.6 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	REPLACED CR-10 BATTERY
2	
3	

## STORMWATER O&M LOG SHEET

SITE	67TH + DLIVE		DATE	5/29/02	
ARRIVAL TIME	0845	DEPARTURE TIME	0910	SERVICED BY	HEMAUER + FOSSUM
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.1 volts
SOLAR PANEL CLEAN	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CABLES AND CONNECTIONS GOOD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CELLULAR ANTENNA	YES <input type="radio"/> NO	
PHONE TONE	<input checked="" type="radio"/> YES <input type="radio"/> NO	
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="radio"/> YES <input type="radio"/> NO	CLEANED + CALIBRATED
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES <input checked="" type="radio"/> NO	
CALIBRATED DEPTH SENSOR	YES <input checked="" type="radio"/> NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES <input checked="" type="radio"/> NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	
2	
3	

# STORMWATER O&M LOG SHEET

SITE	OLIVE		DATE	06/04/2002	
ARRIVAL TIME	0840	DEPARTURE TIME	0925	SERVICED BY	FOSSUM/HEMAUER
SAMPLER	SIGMA	ISCO	MODEL NUMBER	900	3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	YES NO	volts
SOLAR PANEL CLEAN	YES NO	
CABLES AND CONNECTIONS GOOD	YES NO	
CELLULAR ANTENNA	YES NO	
PHONE TONE	YES NO	
RAINGAGE (screen, funnel, tipping bucket)	YES NO	
SAMPLE TUBING (intake, pump, distributor)	YES NO	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	YES NO	
CALIBRATED DEPTH SENSOR	YES NO	depth (in)
CALIBRATED SAMPLE VOLUME	YES NO	ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	INSTALLED NEW INTAKE TUBING + STRAINER
2	
3	