

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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

First Quarter 2005

November 1, 2004

FLOOD CONTROL
DISTRICT

OF
MARICOPA
COUNTY

Stormwater Quality Report

First Quarter, Sampling Year 2005

July 1, 2004 through September 30, 2004

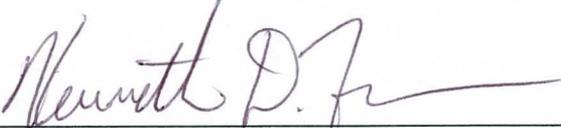
For

City of Phoenix, Arizona

November 1, 2004

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Stormwater Quality Report
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Introduction

This report details the NPDES stormwater sampling activities during the summer of 2004, which includes the period from July 1, 2004 through September 30, 2004.

The Flood Control District of Maricopa County, in cooperation with the U.S. Geological Survey, operates and maintains seven land based stormwater quality-monitoring stations. The USGS is responsible for all maintenance and sample collection at the seven monitoring sites.

During storm events, only representative storm events are sampled. A representative storm event has occurred when the following criteria has been met

PHOENIX	RAINFALL	DURATION
SUMMER	0.15 – 0.64 INCH	1.2 – 3.7 HOURS
WINTER	0.15 – 0.64 INCH	2.6 – 7.9 HOURS

and there has been **no rainfall greater than 0.10 inches within the previous 72 hours**. 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 60 consecutive minutes for summer storms and 150 consecutive minutes for winter storms. If a gap greater than these criteria 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.

Summary of Storm Events

Table 1, on Page 3 - 4 of this report, summarizes non-sampled storm events that occurred during the first quarter of fiscal year 2005 (July 1 – September 30, 2004). Table 2, on Pages 4 - 6 of this report, summarizes data retrievals from the sites. Any troubleshooting of the equipment is detailed in the Maintenance Summary section of this report. There were no representative storm events during this quarter.

TABLE 1
SUMMARY OF NON-REPRESENTATIVE STORM EVENTS
JULY 1, 2004 – SEPTEMBER 30, 2004

SITE	DATE	RAIN (inches)	REMARKS
SR49	07/13 - 14/04	1.59	DURATION TOO SHORT, TOO MUCH RAIN
SR49	07/26/04	0.11	NOT ENOUGH RAIN
SR49	08/15/04	0.37	DURATION TOO SHORT
SR49	08/18/04	0.10	DURATION TOO SHORT, NOT ENOUGH RAIN
SR49	09/18/04	0.10	DURATION TOO SHORT, NOT ENOUGH RAIN
SR49	09/19/04	0.23	72 HOUR RULE, DURATION TOO SHORT
SR03	07/13 - 14/04	0.78	DURATION TOO LONG, TOO MUCH RAIN
SR03	07/26/04	0.12	NOT ENOUGH RAIN
SR03	08/15/04	0.39	DURATION TOO SHORT
SR03	08/18/04	0.1	DURATION TOO SHORT, NOT ENOUGH RAIN
SR03	09/18/04	0.1	DURATION TOO SHORT, NOT ENOUGH RAIN
SR03	09/19/04	0.23	72 HOUR RULE, DURATION TOO SHORT
SR30	07/12/04	0.02	DURATION TOO SHORT, NOT ENOUGH RAIN
SR30	07/13 - 14/04	0.78	DURATION TOO LONG, TOO MUCH RAIN
SR30	07/26/04	0.1	DURATION TOO SHORT, NOT ENOUGH RAIN
SR30	08/15/04	0.4	DURATION TOO SHORT
SR30	08/18/04	0.1	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
SR30	08/24/04	0.07	DURATION TOO SHORT, NOT ENOUGH RAIN
SR30	09/18/04	0.56	DURATION TOO SHORT
SR30	09/19/04	0.1	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	07/12/04	0.03	DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	07/13 - 14/04	0.66	TOO MUCH RAIN
SR45	07/26/04	0.1	DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	07/27/04	0.11	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	08/13/04	0.02	DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	08/15/04	0.06	DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	08/16/04	0.25	DURATION TOO SHORT
SR45	09/18/04	0.13	NOT ENOUGH RAIN
SR45	09/19/04	0.05	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	09/19/04	0.05	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
SR45	09/19/04	0.1	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
IB08	07/13 - 14/04	1.09	DURATION TOO SHORT, TOO MUCH RAIN
IB08	07/14/04	0.31	72 HOUR RULE, DURATION TOO SHORT
IB08	07/25 - 26/04	0.13	DURATION TOO SHORT, NOT ENOUGH RAIN
IB08	07/26/04	0.09	72 HOUR RULE, NOT ENOUGH RAIN
IB08	08/13/04	0.17	DURATION TOO SHORT
IB08	08/24/04	0.02	DURATION TOO SHORT, NOT ENOUGH RAIN
IB08	09/18/04	0.59	DURATION TOO SHORT
IB08	09/19/04	0.04	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN

CAVE	07/12/04	0.15	DURATION TOO SHORT
CAVE	07/14/04	0.13	72 HOUR RULE, NOT ENOUGH RAIN
CAVE	07/16/04	0.1	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
CAVE	07/25 - 26/04	0.68	DURATION TOO LONG, TOO MUCH RAIN
CAVE	07/27/04	0.11	72 HOUR RULE, DURATION TOO SHORT, NOT ENOUGH RAIN
CAVE	08/06/04	0.08	NOT ENOUGH RAIN
CAVE	08/11/04	0.47	DURATION TOO SHORT
CAVE	09/18/04	0.12	DURATION TOO SHORT, NOT ENOUGH RAIN
CAVE	09/18/04	0.33	72 HOUR RULE, DURATION TOO SHORT
CAVE	09/19/04	0.47	72 HOUR RULE, DURATION TOO SHORT
CAVE	09/19/04	0.16	72 HOUR RULE, DURATION TOO SHORT
CAVE	09/19/04	0.49	72 HOUR RULE, DURATION TOO SHORT
CAVE	09/19/04	0.17	72 HOUR RULE, DURATION TOO SHORT
CAVE	09/28/04	0.07	DURATION TOO SHORT, NOT ENOUGH RAIN

DUNLAP	07/13 - 14/04	0.60	DURATION TOO SHORT
DUNLAP	07/14/04	0.74	72 HOUR RULE, TOO MUCH RAIN
DUNLAP	07/26/04	0.38	DURATION TOO SHORT
DUNLAP	08/15/04	0.16	DURATION TOO SHORT
DUNLAP	08/16/04	0.16	72 HOUR RULE, DURATION TOO SHORT
DUNLAP	09/18/04	0.61	DURATION TOO SHORT
DUNLAP	09/19/04	0.15	72 HOUR RULE, DURATION TOO SHORT
DUNLAP	09/19/04	0.44	72 HOUR RULE, DURATION TOO SHORT

TABLE 2
SUMMARY OF DATA RETRIEVALS
JULY 1, 2004 – SEPTEMBER 30, 2004

SITE	DATE	RETRIEVAL TYPE
SR49	07/02/04	Phone - Weekly
SR49	07/09/04	Phone - Weekly
SR49	07/14/04	Phone - Storm
SR49	07/23/04	Phone - Weekly
SR49	07/26/04	Phone - Storm
SR49	07/30/04	Phone - Weekly
SR49	08/06/04	Phone - Weekly
SR49	08/13/04	Phone - Weekly
SR49	08/16/04	Phone - Storm
SR49	08/19/04	Phone - Storm
SR49	08/27/04	Phone - Weekly
SR49	09/03/04	Phone - Weekly
SR49	09/10/04	Phone - Weekly
SR49	09/17/04	Phone - Weekly
SR49	09/20/04	Phone - Storm
SR49	09/24/04	Phone - Weekly

SR03	07/02/04	Phone - Weekly
SR03	07/09/04	Phone - Weekly
SR03	07/14/04	Phone - Storm
SR03	07/23/04	Phone - Weekly
SR03	07/26/04	Phone - Storm
SR03	07/30/04	Phone - Weekly
SR03	08/06/04	Phone - Weekly
SR03	08/13/04	Phone - Weekly
SR03	08/16/04	Phone - Storm
SR03	08/19/04	Phone - Storm
SR03	08/27/04	Phone - Weekly
SR03	09/03/04	Phone - Weekly
SR03	09/10/04	Phone - Weekly
SR03	09/17/04	Phone - Weekly
SR03	09/20/04	Phone - Storm
SR03	09/24/04	Phone - Weekly

SR30	07/02/04	Phone - Weekly
SR30	07/09/04	Phone - Weekly
SR30	07/14/04	Phone - Storm
SR30	07/23/04	Phone - Weekly
SR30	07/26/04	Phone - Storm
SR30	07/30/04	Phone - Weekly
SR30	08/06/04	Phone - Weekly
SR30	08/13/04	Phone - Weekly
SR30	08/16/04	Phone - Storm
SR30	08/19/04	Phone - Storm
SR30	08/24/04	Phone - Storm
SR30	08/27/04	Phone - Weekly
SR30	09/03/04	Phone - Weekly
SR30	09/10/04	Phone - Weekly
SR30	09/17/04	Phone - Weekly
SR30	09/20/04	Phone - Storm
SR30	09/24/04	Phone - Weekly

SR45	07/02/04	Phone - Weekly
SR45	07/09/04	Phone - Weekly
SR45	07/14/04	Phone - Storm
SR45	07/23/04	Phone - Weekly
SR45	07/27/04	Phone - Storm
SR45	08/06/04	Phone - Weekly
SR45	08/13/04	Phone - Storm
SR45	08/16/04	Phone - Storm
SR45	08/20/04	Phone - Weekly
SR45	08/27/04	Phone - Weekly
SR45	09/03/04	Phone - Weekly
SR45	09/10/04	Phone - Weekly
SR45	09/17/04	Phone - Weekly
SR45	09/20/04	Phone - Storm
SR45	09/24/04	Phone - Weekly

IB-08	07/16/04	Onsite
IB-08	07/28/04	Onsite
IB-08	08/12/04	Onsite
IB-08	09/22/04	Onsite
IB-08	09/29/04	Onsite

CAVE	07/02/04	Phone - Weekly
CAVE	07/09/04	Phone - Weekly
CAVE	07/16/04	Phone - Storm
CAVE	07/23/04	Phone - Weekly
CAVE	07/27/04	Phone - Storm
CAVE	07/30/04	Phone - Weekly
CAVE	08/06/04	Phone - Storm
CAVE	08/11/04	Phone - Storm
CAVE	08/20/04	Phone - Weekly
CAVE	08/27/04	Phone - Weekly
CAVE	09/03/04	Phone - Weekly
CAVE	09/10/04	Phone - Weekly
CAVE	09/17/04	Phone - Weekly
CAVE	09/20/04	Phone - Storm
CAVE	09/24/04	Phone - Weekly
CAVE	09/28/04	Phone - Storm

DUNLAP	07/02/04	Phone - Weekly
DUNLAP	07/09/04	Phone - Weekly
DUNLAP	07/16/04	Onsite
DUNLAP	07/23/04	Phone - Weekly
DUNLAP	07/26/04	Phone - Storm
DUNLAP	07/30/04	Phone - Weekly
DUNLAP	08/06/04	Phone - Weekly
DUNLAP	08/13/04	Phone - Weekly
DUNLAP	08/16/04	Phone - Storm
DUNLAP	08/20/04	Phone - Weekly
DUNLAP	08/27/04	Phone - Weekly
DUNLAP	09/03/04	Phone - Weekly
DUNLAP	09/10/04	Phone - Weekly
DUNLAP	09/17/04	Phone - Weekly
DUNLAP	09/20/04	Phone - Storm
DUNLAP	09/24/04	Phone - Weekly

Maintenance Summary

This section details maintenance activities and problems that occurred during the first quarter of fiscal year 2005. All water quality samplers are ISCO Model 3700 with the exception of Station IB08. Station IB08 utilizes a SIGMA Model 900 sampler. The current ISCO sample collection bottle setup is one 5-gallon glass bottle. The current SIGMA sample collection bottle setup is eight 2-liter glass bottles.

SR49 – Salt River at 67th Avenue

The phone battery was replaced on August 12. All sampler tubing and collection bottle were cleaned on July 28. Isco voltage regulator was repaired on July 28.

SR03 – Salt River at 35th Avenue

The phone battery was replaced on August 12 and September 17. All sampler tubing and collection bottle were cleaned on July 16, 27, August 23, and September 17, 24. Cleaned raingage funnel on July 16 and September 24. Reset sampler on July 16, 27 and September 17, 24.

SR30 – Salt River at 27th Avenue

The phone battery was replaced on August 12. The data logger battery was replaced on August 12. All sampler tubing and collection bottle were cleaned on July 16, August 23, and September 24. Reset sampler on July 16, August 23, and September 24. Changed nitrogen tank on July 16. Pulled datalogger data can on September 24. Reprogrammed datalogger on September 24.

SR45 – Salt River at 40th Street

All sampler tubing and collection bottle were cleaned on July 16, 27 and August 19. Reset sampler on July 16, 27 and August 19.

IB08 – 40th Street at Indian Bend Wash

Reset sampler on July 16, 28, August 12, 16, and September 17, 22, 29. All sampler tubing and collection bottles were cleaned on July 16, 28, August 16, and September 22. The SIGMA 900 sampler battery was replaced on August 12, and September 17. Pulled data with the DTU on July 16, 28, August 12, and September 22, 29.

CAVE - Cave Creek Road and Tatum Boulevard

Changed phone battery on August 12. All sampler tubing and collection bottles were cleaned on July 28, August 12, and September 24, 29. The Isco sampler battery was replaced on September 24. Reset sampler on July 28, August 12, and September 24, 29. The datalogger data can was pulled on July 28.

DUNLAP - Dunlap and 7th Avenue

Changed phone battery on July 16, 26, August 12. All sampler tubing and collection bottle were cleaned on July 16, 26, August 19, and September 22, 29. Reset sampler on July 16, 26, August 19, and September 22, 29. Pulled data onsite on July 16. The phone voltage regulator was changed on August 23.

Data from 1ST Quarter 2005

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

- Rainfall data for seven Phoenix NPDES raingages.
- Rainfall data for twenty-eight Phoenix ALERT raingages.
- Copies of operation and maintenance and storm event log sheets.

**Rainfall Data Tables
(NPDES raingages)**

**Rainfall Data Tables
(ALERT raingages)**



Maintenance and Storm Event Log Sheets

STORMWATER O&M LOG SHEET

SITE	67 th Av. & S.R.		DATE	7/28/04	
ARRIVAL TIME	0945	DEPARTURE TIME	1000	SERVICED BY	Kaspor/Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.0 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	<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	Fixed Isco regulator. Cleaned
2	Intake & tubing.
3	

STORMWATER O&M LOG SHEET

SITE	67 TH AVE + SR		DATE	8/12/04	
ARRIVAL TIME	14:05	DEPARTURE TIME	14:10	SERVICED BY	KASPER/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO		13.0 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	<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	CHANGED PHONE BATTERY
2	
3	

STORMWATER O&M LOG SHEET

SITE	35 AVE + S.R.		DATE	7/16/04	
ARRIVAL TIME	0930	DEPARTURE TIME	0945	SERVICED BY	Hemauer
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 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	<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 DROPPED OFF BOTTLE, CLEANED INTAKE & TUBING, CLEANED
2 RAIN GAGE FUNNEL
3

STORMWATER O&M LOG SHEET

SITE	35TH AVE SR		DATE	7/27/04	
ARRIVAL TIME	1230	DEPARTURE TIME	1245	SERVICED BY	Fossum/Kasper
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK		<input checked="" type="radio"/> YES <input type="radio"/> NO	12.8 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	Cleaned Bottle, Intake & Tubing. Cleaned
2	drain. Reset.
3	

STORMWATER O&M LOG SHEET

SITE	35 TH AVE & SR		DATE	8/12/04	
ARRIVAL TIME	1425	DEPARTURE TIME	1430	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 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	<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	CHANGED PHONE BATTERY
2	
3	

STORMWATER O&M LOG SHEET

SITE	35 AVE + S.R.		DATE	8/23/04	
ARRIVAL TIME	0915	DEPARTURE TIME	0920	SERVICED BY	Fossum/Henauer
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO		12.8 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	CLEANED INTAKE & TUBING, DROPPED OFF CLEAN BOTTLE
2	
3	

STORMWATER O&M LOG SHEET

SITE	35 th & SR		DATE	9-17-04		
ARRIVAL TIME	15:50	DEPARTURE TIME	1600		SERVICED BY	Kaspor/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.8 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	Cleaned intake, tubing. Dropped off
2	Clean bottle. Changed phone battery.
3	Reset.

STORMWATER O&M LOG SHEET

SITE	35 TH AVE & SR		DATE	9/24/04	
ARRIVAL TIME	1035	DEPARTURE TIME	1050	SERVICED BY	FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK		<input checked="" type="radio"/> YES <input type="radio"/> NO	12.8 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 CLEANED INTAKE & TUBING, DROPPED OFF
2 CLEAN BOTTLE, RESET, CLEANED RAINGAGE.
3

STORMWATER O&M LOG SHEET

SITE	27 AVE + SR		DATE	7/14/04	
ARRIVAL TIME	0905	DEPARTURE TIME	0935	SERVICED BY	HEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900	ISCO - 3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	CR10 12.9 PHONE 12.6 SAMPLER 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	<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 DROPPED OFF BOTTLE, CLEANED INTAKE + TUBING NEED N TANK
2
3

STORMWATER O&M LOG SHEET

SITE	27 AVE + S.R.		DATE	7/16/04	
ARRIVAL TIME	1445	DEPARTURE TIME	1505	SERVICED BY	HEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 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	<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	CHANGED NITROGEN TANK
2	
3	

STORMWATER O&M LOG SHEET

SITE	27 TH AVE & SR		DATE	8/12/04	
ARRIVAL TIME	1435	DEPARTURE TIME	1445	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	12.8 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	CHANGED PHONE & CR-10 BATTERIES.
2	
3	

STORMWATER O&M LOG SHEET

SITE	27 AVE + S-R.		DATE	8/23/04	
ARRIVAL TIME	0900	DEPARTURE TIME	0910	SERVICED BY	FOSSUM/HENAUER
SAMPLER - MODEL NUMBER			SIGMA - 900		<u>ISCO - 3700</u>

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

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED INTAKE + TUBING, DROPPED OFF CLEAN BOTTLE
2	
3	

STORMWATER O&M LOG SHEET

SITE	27 TH AVE + SR		DATE	9/24/04	
ARRIVAL TIME	1010	DEPARTURE TIME	1025	SERVICED BY	FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.0 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	<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 CLEANED INTAKE & TUBING, DROPPED OFF CLEAN
2 BOTTLE, PULLED DATA CAN, RESET.
3

STORMWATER O&M LOG SHEET

SITE	27 AVE + S.R.		DATE	9/24/04	
ARRIVAL TIME	1520	DEPARTURE TIME	1545	SERVICED BY	FOSSUM / WEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900 (ISCO - 3700)		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO		13.1 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	<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	REPROGRAMMED DATA LOGGER
2	
3	

STORMWATER O&M LOG SHEET

SITE	40 ST + S.R.		DATE	7/16/04	
ARRIVAL TIME	0840	DEPARTURE TIME	0850	SERVICED BY	HENAUER
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 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 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 DROPPED OFF CLEAN BOTTLE, CLEANED INTAKE + TUBING.
2
3

STORMWATER O&M LOG SHEET

SITE	40TH ST. + SR		DATE	7/27/04	
ARRIVAL TIME	1155	DEPARTURE TIME	1215	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 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	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	CLEANED BOTTLE, INTAKE & TUBING, CLEANED
2	DRAIN, RESET
3	

STORMWATER O&M LOG SHEET

SITE	40TH ST & SR		DATE	8/19/04	
ARRIVAL TIME	1325	DEPARTURE TIME	1340	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.0 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	<input 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 CLEANED INTAKE, TUBING & BOTTLE. RESET.
2
3

STORMWATER O&M LOG SHEET

SITE	1BW		DATE	7/16/04	
ARRIVAL TIME	1320	DEPARTURE TIME	1345	SERVICED BY	HEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED	COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO
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	<input checked="" type="radio"/> YES <input type="radio"/> NO
CALIBRATED DEPTH SENSOR	<input checked="" type="radio"/> YES <input type="radio"/> NO
CALIBRATED SAMPLE VOLUME	<input checked="" type="radio"/> YES <input type="radio"/> NO

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

1	PULLED DATA, RESET SAMPLER, DROPPED OFF CLEAN BOTTLES
2	CLEANED INTAKE + TUBING
3	(CELL 10)

STORMWATER O&M LOG SHEET

SITE	40TH ST. + IBW		DATE	7/28/04	
ARRIVAL TIME	1300	DEPARTURE TIME	1315	SERVICED BY	KASPER/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900	ISCO - 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 <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 CLEANED INTAKE + TUBING, DROPPED OFF
2 CLEAN BOTTLES, PULLED DATA W/DTU, RESET.
3

STORMWATER O&M LOG SHEET

SITE	40 TH ST. + IBW		DATE	8/12/04	
ARRIVAL TIME	0945	DEPARTURE TIME	1015	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900	ISCO - 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	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 w/DTU, RESET, CHANGED SIGMA
2	BATTERY.
3	

STORMWATER O&M LOG SHEET

SITE	IBW @ 40 TH ST.		DATE	8/16/04	
ARRIVAL TIME	1320	DEPARTURE TIME	1330	SERVICED BY	FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 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	<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	CLEANED INTAKE, TUBING, + BOTTLES,
2	RESET
3	

STORMWATER O&M LOG SHEET

SITE	IBW		DATE	9-17-04	
ARRIVAL TIME	1510	DEPARTURE TIME	1520	SERVICED BY	Fossum / Kaspor
SAMPLER - MODEL NUMBER			SIGMA - 900	ISCO - 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	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 type="radio"/> NO		
CALIBRATED DEPTH SENSOR	YES <input type="radio"/> NO		depth (in)
CALIBRATED SAMPLE VOLUME	YES <input type="radio"/> NO		ml

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

STORMWATER O&M LOG SHEET

SITE	IBW & 40TH ST.		DATE	9/22/04	
ARRIVAL TIME	1110	DEPARTURE TIME	1125	SERVICED BY	Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900	ISCO - 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	<input type="radio"/> 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	<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 CLEANED INTAKE & TUBING, DROPPED OFF CLEAN

2 BOTTLES, PULLED DATA w/ DTU, RESET.

3

STORMWATER O&M LOG SHEET

SITE	1BW + 40 ST		DATE	9/29/04	
ARRIVAL TIME	1155	DEPARTURE TIME	1210	SERVICED BY	HEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700

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

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.		
1	PULLED DATA, RESET SAMPLER	CELL # 7
2		
3		

STORMWATER O&M LOG SHEET

SITE	Cave Creek		DATE	7/28/04	
ARRIVAL TIME	1225	DEPARTURE TIME	1240	SERVICED BY	Kaspor/Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13:0 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	<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	pulled Data Can. Cleaned input
2	tubing
3	

STORMWATER O&M LOG SHEET

SITE	Cave Creek		DATE	08/12/04	
ARRIVAL TIME	1030	DEPARTURE TIME	1055	SERVICED BY	Kasper/Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO		13.0 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	<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	changed cell phone battery. Cleaned intake,
2	tubing & Bottle. Reset.
3	

STORMWATER O&M LOG SHEET

SITE	CAVE CREEK		DATE	9/24/04	
ARRIVAL TIME	12:00	DEPARTURE TIME	12:15	SERVICED BY	Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.0 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	<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	CLEANED INTAKE & TUBING, DROPPED OFF
2	CLEAN BOTTLE, CHANGED SAMPLER BATTERY,
3	RESET.

STORMWATER O&M LOG SHEET

SITE	CAVE		DATE	9/29/04	
ARRIVAL TIME	1110	DEPARTURE TIME	1125	SERVICED BY	HEMAUER
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		13.1 volts
SOLAR PANEL CLEAN	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CABLES AND CONNECTIONS GOOD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CELLULAR ANTENNA	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
PHONE TONE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
RAINGAGE (screen, funnel, tipping bucket)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
SAMPLE TUBING (intake, pump, distributor)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CALIBRATED DEPTH SENSOR	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		depth (in)
CALIBRATED SAMPLE VOLUME	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		ml

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED INTAKE & TUBING, DROPPED OFF CLEAN BOTTLE
2	
3	

STORMWATER O&M LOG SHEET

SITE	DUNLAP			DATE	7/16/04		
ARRIVAL TIME	1240	DEPARTURE TIME	1300	SERVICED BY	HEMAUER		
SAMPLER - MODEL NUMBER				SIGMA - 900		ISCO - 3700	

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	YES NO	13.7 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 PULLED DATA, RESET THRESHOLD, CHANGED PHONE BATTERY
2 DROPPED OFF CLEAN BOTTLE, CLEANED INTAKE & TUBING.
3

STORMWATER O&M LOG SHEET

SITE	DUNLAP		DATE	7/26/04		
ARRIVAL TIME	1215	DEPARTURE TIME	1225		SERVICED BY	FOSSUM/KASPOR
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700	

EQUIPMENT CHECKED			COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO		13.1 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	<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	PULLED BOTTLE FOR CLEANING, CLEANED
2	INTAKE & TUBING, CHANGED PHONE BATT.
3	

STORMWATER O&M LOG SHEET

SITE	Dunlap		DATE	Kaspor / Fossum	
ARRIVAL TIME	9:35	DEPARTURE TIME	9:40	SERVICED BY	08/12/04
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.1 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	<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	Changed phone battery.
2	
3	

STORMWATER O&M LOG SHEET

SITE	DUNLAP		DATE	8/19/04	
ARRIVAL TIME	1259	DEPARTURE TIME	1305	SERVICED BY	KASPOR/FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED		YES NO	COMMENTS
BATTERY VOLTAGE OK		<input checked="" type="radio"/> <input type="radio"/>	13.0 volts
SOLAR PANEL CLEAN		<input checked="" type="radio"/> <input type="radio"/>	
CABLES AND CONNECTIONS GOOD		<input checked="" type="radio"/> <input type="radio"/>	
CELLULAR ANTENNA		<input checked="" type="radio"/> <input type="radio"/>	
PHONE TONE		<input checked="" type="radio"/> <input type="radio"/>	
RAINGAGE (screen, funnel, tipping bucket)		<input checked="" type="radio"/> <input type="radio"/>	
SAMPLE TUBING (intake, pump, distributor)		<input checked="" type="radio"/> <input type="radio"/>	
CLEANED SAMPLE TUBING AND COLLECTION BOTTLE		<input checked="" type="radio"/> <input type="radio"/>	
CALIBRATED DEPTH SENSOR		<input checked="" type="radio"/> <input type="radio"/>	depth (in)
CALIBRATED SAMPLE VOLUME		<input checked="" type="radio"/> <input type="radio"/>	ml

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

STORMWATER O&M LOG SHEET

SITE	DUNLAP		DATE	8/23/04	
ARRIVAL TIME	1300	DEPARTURE TIME	1305	SERVICED BY	FOSSUM
SAMPLER - MODEL NUMBER			SIGMA - 900		ISCO - 3700

EQUIPMENT CHECKED		COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO	13.1 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	<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	CHANGED PHONE VOLTAGE REGULATOR.
2	
3	

STORMWATER O&M LOG SHEET

SITE	DUNLAP		DATE	9/22/04	
ARRIVAL TIME	1040	DEPARTURE TIME	1050	SERVICED BY	Fossum
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

EQUIPMENT CHECKED	COMMENTS
BATTERY VOLTAGE OK	<input checked="" type="radio"/> YES <input type="radio"/> NO
	13.1 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	<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	CLEANED INTAKE & TUBING, DROPPED OFF
2	CLEAN BOTTLE, RESET.
3	

STORMWATER O&M LOG SHEET

SITE	DUNLAP		DATE	9/29/04	
ARRIVAL TIME	1030	DEPARTURE TIME	1045		SERVICED BY
SAMPLER - MODEL NUMBER			SIGMA - 900 ISCO - 3700		

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

SPECIFY ITEMS REMOVED/REPLACED/REPAIRED/INSTALLED. INCLUDE SERIAL NO IF SAMPLER OR PT INSTALLED/REMOVED.	
1	CLEANED INTAKE & TUBING, DROPPED OFF CLEAN BOTTLE.
2	
3	