

# EMPERICAL OBSERVATIONS

## General Information:

Station Name: CC (SD 8(1))

Date: 14 OCT 06

Time: 0130-0645

Field Crew: B. Isham C. Lia

Purpose of Visit:

☒ Storm Monitoring

☐ Maintenance

Meteorological Characteristics: (Describe rainfall, wind, temperature, etc.)

Light, spotty Rain, a few downpours, rain ending ~ 0500

Water Quality Appearance: (Check all that apply)

Odor:

☐ Hydrogen Sulfide ☒ Musty ☐ Sewage ☐ Ammonia ☐ Gasoline ☐ Soap ☐ Chlorine ☐ None

Floating Materials:

☒ Trash or debris ☐ Oil & grease ☐ Organic material ☐ Scum ☐ Suds ☐ Objects (describe) ☐ None

Color:

☐ Yellow ☐ Green ☐ Blue ☒ Brown ☐ Black ☐ Gray ☐ White ☐ Colorless ☐ Other

Turbidity:

☐ None ☐ Some cloudiness ☒ Cloudy ☐ Heavy cloudiness, opaque

Water quality appearance comments:

Some trash but not a lot

Erosion and Vegetation: (Describe any visible signs of side slope erosion and/or change in vegetation condition)

NA - Channelized

Grab Sample Time: 0300

pH: 7.65

Temperature(°C): 17.9

Conductivity: 510

Sampling Equipment: (Enter time of bottle changes)

Bottle #1: 0500

Bottle #3: \_\_\_\_\_

Bottle #2: 0621 (0521 on sampler)

Bottle #4: \_\_\_\_\_

Sampling Activities: (Describe all action taken at each site visit and provide additional comments as necessary)

Arrive on site 0130, sampler running, removed blanket + card table from pipe-end.

0230 - Little rain squall

0300 grab samples, rain stopped 0330 rain squall

~0400 large flow increase - sodden "wall" of water with a lot of trash, 3 or 4 shopping carts

Note - sample volume off ~ 200 ml per sample. Tried to calibrate but it was inconsistent

0645 finished + left site

Team Leader's Signature: B. Isham



## WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME SD stormwater		DATE 12-15-06	PROJECT MANAGER D. Ren Grew	RECORDER CC
STATION NAME SD 8		NAV DATUM	LATITUDE	LONGITUDE
SAMPLE IDENTIFICATION SD 8		TIME STARTED (AT SITE) 2315	TIME FINISHED (AT SITE) 0800	GRAB SAMPLE TIME 0230
FIELD TEAM CC / Ester Goldstein				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Partly cloudy, showers - tapering off cool, wind 10-15 knots West				
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER		
		<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER		
		<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS	<input checked="" type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER		
		<input type="checkbox"/> OBJECTS (DESCRIBE)		
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS: water turbid / slight murky lot of soft trash floatables				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)  NONE #2 7.92 14.3 310 u/s #3 7.88 14.3 309 u/s				
FIELD MEASUREMENTS: pH 8.04 TEMPERATURE (°C) 14.3 CONDUCTIVITY (µS/cm) 319 u/s DO				
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)  BOTTLE #1 0206 BOTTLE #2 0449 BOTTLE #3 BOTTLE #4 BOTTLE #5 BOTTLE #6				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) #1 0-23-0206-17 L Grab sample 0230 #2 9 L 24-37-9 L				
TEAM LEADER'S SIGNATURE				



## WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>Cholla</i> <i>SDS storage water</i>		DATE <i>19 Feb 2007</i>	PROJECT MANAGER <i>D. Penfrew</i>	RECORDER <i>DO BE</i>	
STATION NAME <i>SD8</i>		NAV DATUM	LATITUDE	LONGITUDE	
SAMPLE IDENTIFICATION <i>32nd &amp; Durand</i>		TIME STARTED (AT SITE) <i>0300</i>	TIME FINISHED (AT SITE) <i>1500</i>	GRAB SAMPLE TIME <i>0810</i>	
FIELD TEAM <i>DO/JS</i>					
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>partly cloudy</i>					
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input checked="" type="checkbox"/> OTHER <i>irrigation</i>			
		<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER			
		<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input checked="" type="checkbox"/> TRASH OR DEBRIS <input checked="" type="checkbox"/> OIL AND GREASE <input checked="" type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER <i>leaf debris</i>			
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:					
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Vegetation growing in cracks in concrete in creek bed that was covered up by stormwater</i>					
FIELD MEASUREMENTS:    pH <i>8.40</i> TEMPERATURE (°C) <i>13.7</i> CONDUCTIVITY (µS/cm) <i>239</i> DO					
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES) BOTTLE #1 <i>0749</i> <sup>12L</sup> BOTTLE #2 <i>1115</i> <sup>10L</sup> BOTTLE #3 <i>1450</i> <sup>11L</sup> BOTTLE #4    BOTTLE #5    BOTTLE #6					
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>2nd half of bottle 1 sampler volume ~ 500ml/sample. 0950 reversed/purged sampler tubing - still grabs ~ 500ml Lots of trash and debris in creek → dogging straw Btw 1030-1115, purged blow samples. Seemed to help some w/ sample collection. Still lots of debris, pulled &lt; 1L samples</i>					
TEAM LEADER'S SIGNATURE _____					

Rinsed 3x w/ site water

Subsequent samplings

Rinsed w/ Alcomax and site water.

Rinsed 3x w/ DI water

Rinsed 3x w/ site water

Bottle decon

1st time

grabs @ 0810  
Flowmeter stopped @ ~ 12:30. Grab of 1L taken → 12:55, 1305, 1315, 1325, 1335, 1345  
Grab of 1L taken → 1405, 1425, 1450  
120 min Ph.D. 7  
Last 9 samples taken as grab samples



## WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME		DATE 19 Feb 2007	PROJECT MANAGER	RECORDER
STATION NAME DPR 2		NAV DATUM	LATITUDE	LONGITUDE
SAMPLE IDENTIFICATION DPR 2		TIME STARTED (AT SITE) 0320	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME 0900
FIELD TEAM DC/JS				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) partly cloudy				
WATER QUALITY APPEARANCE	ODOR	<input checked="" type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS	<input checked="" type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input checked="" type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OBJECTS (DESCRIBE) <del>excess</del> Sofa, 2 basket balls, dart board, etc.		
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE		
	WATER QUALITY APPEARANCE COMMENTS:			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS:    pH 7.84    TEMPERATURE (°C) 12.8    CONDUCTIVITY (µS/cm) 324    DO				
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)				
BOTTLE #1 0325 19L    BOTTLE #2 0651 14L    BOTTLE #3 0921 20L BOTTLE #4    BOTTLE #5    BOTTLE #6				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
C 0921 - 55 samples <del>at</del> JS 21 from last bottle change but 1 distribution error C 0924 JS C 0930 - while changing bottle strong smell of feces; not sure of origin				
TEAM LEADER'S SIGNATURE				



## WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME		DATE 12/10/06	PROJECT MANAGER		RECORDER EG
STATION NAME DPR2		NAV DATUM	LATITUDE		LONGITUDE
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 2315	TIME FINISHED (AT SITE) 0730		GRAB SAMPLE TIME 0430
FIELD TEAM LC, EG					
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) partly cloudy, cool, no rain 0 wind					
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER			
		<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER			
		<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input checked="" type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER			
	<input type="checkbox"/> OBJECTS (DESCRIBE)				
	TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: H2O turbid, trash					
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) pH 7.56 Temp 12.30C (cond 578mS) pH 7.58 Temp 12.30C (cond 578mS)					
FIELD MEASUREMENTS: pH 7.6 TEMPERATURE (°C) 12.40G CONDUCTIVITY (µS/cm) 579mS DO					
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES) BOTTLE #1 0435 BOTTLE #2 0612 BOTTLE #3 0728 BOTTLE #4 BOTTLE #5 BOTTLE #6					
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) changed #1 0435 Grab - 0430 0730 #2 0612 Done #3 0728					
TEAM LEADER'S SIGNATURE					



## WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME		DATE	PROJECT MANAGER	RECORDER
		19 OCT 06	Renfrew	BI
STATION NAME		NAV DATUM	LATITUDE	LONGITUDE
DPR 2				
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE)	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME
		0330	0630	0430
FIELD TEAM				
B. Isham Calvin Lia				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)				
Patchy Rain then clearing ~ 0500				
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER		
		<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER		
		<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS	<input checked="" type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER		
	<input type="checkbox"/> OBJECTS (DESCRIBE)			
	TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE		
	WATER QUALITY APPEARANCE COMMENTS:			
	Basically normal looking stormflow			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
Flow never got real high, no significant erosion				
FIELD MEASUREMENTS: pH 7.33 TEMPERATURE (°C) 17.4 CONDUCTIVITY (µS/cm) 474 DO				
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)				
BOTTLE #1 0420 BOTTLE #2 0504 BOTTLE #3				
BOTTLE #4 BOTTLE #5 BOTTLE #6				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
0430 Grab Samples taken				
TEAM LEADER'S SIGNATURE B. Isham				