



County of San Diego SDR-MST Study - Dry Weather 2017-2018  
FIELD OBSERVATIONS AND TESTING LOG SHEET

PROJECT/SURVEY NAME <b>COSD-SDR-MST</b>		RANK <b>Dry Weather</b>		OUTFALL ID <b>MS4-SDR-098</b>	
DATE <b>04/19/18</b>		TIME STARTED (AT SITE) <b>0910</b>		TIME FINISHED (AT SITE) <b>0915</b>	
SAMPLE ID <b>MS4-SDR-098</b>		LATITUDE <b>32.8411596</b>		LONGITUDE <b>-116.9159591</b>	
FIELD TEAM <b>TP/KC</b>				RECORDER <b>TP</b>	
MONITORING PERIOD <input checked="" type="checkbox"/> SUMMER DRY <input type="checkbox"/> WINTER DRY <input type="checkbox"/> WET WEATHER				RAINFALL AMOUNT (POST-STORM) <b>0</b>	
WEATHER CONDITIONS <input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> FOGGY <input type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY					
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H <sub>2</sub> S <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE/PETROLEUM <input type="checkbox"/> FISH/DECAY <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE <b>N/A</b> <input type="checkbox"/> CHEMICAL <input type="checkbox"/> OTHER <input type="checkbox"/> NONE				
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> BROWN <input type="checkbox"/> RED <input type="checkbox"/> COLORLESS <input checked="" type="checkbox"/> OTHER <b>N/A</b>				
	FLOATING MATERIALS <input type="checkbox"/> SUDS/FOAM <input type="checkbox"/> OILY SHEEN <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> ALGAE (ALL THAT APPLY) <input checked="" type="checkbox"/> OTHER (DESCRIBE) <b>N/A</b> <input type="checkbox"/> NONE				
	TRASH <input type="checkbox"/> NONE <input type="checkbox"/> VEGETATION <input type="checkbox"/> STYROFOAM <input type="checkbox"/> WOOD <input type="checkbox"/> PLASTIC (CUPS, BOTTLES, BAGS) <input checked="" type="checkbox"/> OTHER (DESCRIBE) <b>orange weed whacker wire</b>				
	TURBIDITY <input type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <b>N/A</b>				
FLOW (one method only)	STREAM RATING (SEE OTHER SIDE) <input type="checkbox"/> FLOWING <input type="checkbox"/> PONDED (*Do not sample) <input checked="" type="checkbox"/> DRY (*Do not sample)		IF STREAM RATING NOT POSSIBLE, AREA x VELOCITY (CREEK/CHANNEL) DEPTH FT IN WIDTH FT IN VELOCITY (choose one) FT/SEC IN/SEC		NOTES-FLOW <b>No water present (no flow)</b>
QA/QC SAMPLES: <input type="checkbox"/> FIELD DUPLICATE <input type="checkbox"/> EQUIPMENT BLANK					
SAMPLES COLLECTED: <b>_____</b>		GRAB COLLECTION TIME: <b>_____</b>			
FIELD MEASUREMENTS (Taken in duplicate) <b>_____</b>		pH <b>_____</b>	TEMP (degree C) <b>_____</b>	CONDUCTIVITY (uS/cm) <b>_____</b>	<b>_____</b>
<b>_____</b>		pH <b>_____</b>	TEMP (degree C) <b>_____</b>	CONDUCTIVITY (uS/cm) <b>_____</b>	<b>_____</b>
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <b>No samples taken (no water present)</b>					
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
PHOTO NUMBERS AND NOTES: <b>_____</b> <b>_____</b>					
TEAM LEADER'S SIGNATURE <b>[Signature]</b>					





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PROJECT/SURVEY NAME <b>COSD SDR-MST</b>		RANK <b>Dry Weather</b>		OUTFALL ID <b>MS4-SDR-207</b>			
DATE <b>04/19/18</b>		TIME STARTED (AT SITE) <b>0930</b>		TIME FINISHED (AT SITE) <b>0945</b>			
SAMPLE ID <b>MS4-SDR-207</b>		LATITUDE		LONGITUDE			
FIELD TEAM <b>TP/KC</b>		RECORDER <b>KC</b>					
MONITORING PERIOD <input checked="" type="checkbox"/> SUMMER DRY <input type="checkbox"/> WINTER DRY <input type="checkbox"/> WET WEATHER				RAINFALL AMOUNT (POST-STORM)			
WEATHER CONDITIONS <input checked="" type="checkbox"/> CLEAR <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> FOGGY <input type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY							
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H <sub>2</sub> S <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE/PETROLEUM <input type="checkbox"/> FISH/DECAY <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE <input type="checkbox"/> CHEMICAL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> NONE						
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> BROWN <input type="checkbox"/> RED <input checked="" type="checkbox"/> COLORLESS <input type="checkbox"/> OTHER						
	FLOATING MATERIALS <input type="checkbox"/> SUDS/FOAM <input type="checkbox"/> OILY SHEEN <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input checked="" type="checkbox"/> ALGAE (ALL THAT APPLY) <input type="checkbox"/> OTHER (DESCRIBE) <input type="checkbox"/> NONE						
	TRASH <input type="checkbox"/> NONE <input type="checkbox"/> VEGETATION <input checked="" type="checkbox"/> STYROFOAM <input checked="" type="checkbox"/> WOOD <input checked="" type="checkbox"/> PLASTIC (CUPS, BOTTLES, BAGS) <input checked="" type="checkbox"/> OTHER (DESCRIBE)						
	TURBIDITY <input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE						
FLOW (one method only)	STREAM RATING (SEE OTHER SIDE)	IF STREAM RATING NOT POSSIBLE, AREA x VELOCITY (CREEK/CHANNEL)		NOTES-FLOW  <b>See back</b>			
	<input type="checkbox"/> FLOWING	DEPTH	FT IN				
	<input type="checkbox"/> PONDED (*Do not sample)	WIDTH	FT IN				
	<input type="checkbox"/> DRY (*Do not sample)	VELOCITY (choose one)	FT/SEC IN/SEC				
QA/QC SAMPLES: <input type="checkbox"/> FIELD DUPLICATE <input type="checkbox"/> EQUIPMENT BLANK							
SAMPLES COLLECTED:		GRAB COLLECTION TIME: <b>0935</b>					
FIELD MEASUREMENTS (Taken in duplicate)		pH <b>7.97</b>	TEMP (degree C) <b>16.46</b>	CONDUCTIVITY (uS/cm) <b>1767</b>	ALUMINUM <b>0.90</b>	DO (mg/L) <b>9.48</b>	NTU <b>-5.1</b>
		pH <b>8.07</b>	TEMP (degree C) <b>16.53</b>	CONDUCTIVITY (uS/cm) <b>1775</b>	<b>0.90</b>	<b>9.41</b>	<b>-5.2</b>
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
<b>Significant algae in channel, A lot of trash</b>  <b>Person was in channel upstream underground. Possibly living there</b>  <b>Flow measured ~5 ft into outfall</b>							
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO							
PHOTO NUMBERS AND NOTES:							
TEAM LEADER'S SIGNATURE <b>High Clouston</b>							

metal aerosol can  
Paper bag

Distance from LE	Depth (in)	Velocity (FPS)
0	0	0
0.5' <del>0.6</del>	0.4	0.32
1.0'	0.4	0.31
1.5'	0.3	Too shallow for flow measurement ↓
2.0'	0.3	
2.5'	0.2	
3.0'	0.2	
3.5'	0.2	
4.0	0.1	↓
4.5	0	0
5.0	0	0
5.5	0.1	Too shallow for measurement ↓
6.0	0.1	
6.5	0.1	
7.0	0.3	0.41
7.6	0.2	0.23
8.0	0	0

> wetted no flow





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PROJECT/SURVEY NAME <b>COSD SDR-MST</b>		RANK <b>Dry weather</b>		OUTFALL ID <b>SDR-780</b>	
DATE <b>04/19/18</b>		TIME STARTED (AT SITE) <b>0955</b>		TIME FINISHED (AT SITE) <b>1015</b>	
SAMPLE ID <b>SDR-780</b>		LATITUDE		LONGITUDE	
FIELD TEAM <b>TP/KC</b>		RECORDER <b>KC</b>			
MONITORING PERIOD <input checked="" type="checkbox"/> SUMMER DRY <input type="checkbox"/> WINTER DRY <input type="checkbox"/> WET WEATHER				RAINFALL AMOUNT (POST-STORM)	
WEATHER CONDITIONS <input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> FOGGY <input checked="" type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY					
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H <sub>2</sub> S <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE/PETROLEUM <input type="checkbox"/> FISH/DECAY <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE <input type="checkbox"/> CHEMICAL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> NONE				
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> BROWN <input type="checkbox"/> RED <input checked="" type="checkbox"/> COLORLESS <input type="checkbox"/> OTHER				
	FLOATING MATERIALS <input type="checkbox"/> SUDS/FOAM <input type="checkbox"/> OILY SHEEN <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input checked="" type="checkbox"/> ALGAE (ALL THAT APPLY) <input type="checkbox"/> OTHER (DESCRIBE) <input type="checkbox"/> NONE				
	TRASH <input type="checkbox"/> NONE <input type="checkbox"/> VEGETATION <input type="checkbox"/> STYROFOAM <input type="checkbox"/> WOOD <input type="checkbox"/> PLASTIC (CUPS, BOTTLES, BAGS) <input checked="" type="checkbox"/> OTHER (DESCRIBE) <b>glass bottle</b>				
	TURBIDITY <input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE				
FLOW (one method only)	STREAM RATING (SEE OTHER SIDE)	IF STREAM RATING NOT POSSIBLE, AREA x VELOCITY (CREEK/CHANNEL)		NOTES-FLOW	
	<input type="checkbox"/> FLOWING	DEPTH	FT IN	<b>See back</b>	
	<input type="checkbox"/> PONDED (*Do not sample)	WIDTH	FT IN		
	<input type="checkbox"/> DRY (*Do not sample)	VELOCITY (choose one)	FT/SEC IN/SEC		
QA/QC SAMPLES: <input checked="" type="checkbox"/> FIELD DUPLICATE <input type="checkbox"/> EQUIPMENT BLANK					
SAMPLES COLLECTED: <b>DUP</b>		GRAB COLLECTION TIME: <b>1000</b>			
FIELD MEASUREMENTS (Taken in duplicate)		pH <b>8.25</b>	TEMP (degree C) <b>13.98</b>	CONDUCTIVITY (uS/cm) <b>3612</b>	<b>Salinity DO (mg/L) NTU</b> <b>1.91 10.12 3.7</b>
		pH <b>8.27</b>	TEMP (degree C) <b>13.80</b>	CONDUCTIVITY (uS/cm) <b>3621</b>	<b>1.92 10.22 3.7</b>
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)					
<b>Algal mats in channel. Took regular sample + DUP light drizzle while @ site Flow measured ~ 100ft d/s of outfall</b>					
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
PHOTO NUMBERS AND NOTES:					
TEAM LEADER'S SIGNATURE <b>Thyl Cloutier</b>					

Distance LF	Depth	Velocity
0	0	0
0.5	0.5	0.27
1.0	0.5	0.40
1.5	0.5	0.25
2.0	0.4	0.12 Algae in channel
2.5	0.3	0.10 Algae
3.0	0.3	Too shallow
4.0	0	0