



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

PROJECT/SURVEY NAME COSD SDR-MST		RANK Dry Weather		OUTFALL ID MS4-SDR-098			
DATE 4.5.18		TIME STARTED (AT SITE) 0900		TIME FINISHED (AT SITE) 0945			
SAMPLE ID MS4-SDR-098		LATITUDE		LONGITUDE			
FIELD TEAM RC/SL				RECORDER SL			
MONITORING PERIOD <input type="checkbox"/> SUMMER DRY <input checked="" 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 type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY ~65°F							
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H ₂ 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 <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 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 type="checkbox"/> ALGAE (ALL THAT APPLY) <input type="checkbox"/> OTHER (DESCRIBE) <input type="checkbox"/> NONE small periwinkles						
	TRASH <input checked="" type="checkbox"/> NONE <input type="checkbox"/> VEGETATION <input type="checkbox"/> STYROFOAM <input type="checkbox"/> WOOD <input checked="" type="checkbox"/> PLASTIC (CUPS, BOTTLES, BAGS) <input 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 Trickle flow - no accurate measurement obtained. (hardly dripping)		
	<input checked="" 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: 500 mL each 1L HF183		GRAB COLLECTION TIME: 0906					
FIELD MEASUREMENTS (Taken in duplicate) 10K201306		pH 8.40	TEMP (degree C) 16.78	CONDUCTIVITY (uS/cm) 1793	Salinity (mg/L) 0.91	DO 13.06	Turbidity -22.1
		pH 8.41	TEMP (degree C) 17.37	CONDUCTIVITY (uS/cm) 1813	Salinity 0.92	DO 13.70	Turbidity -23.7
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
Mouse carcasses approx 2.5' in outfall pipe, collected samples ^{in vault} upstream of carcass. used sterile syringe to collect samples, Trickle flow, immeasurable trash - plastic wire for lawn trimmer							
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO							
PHOTO NUMBERS AND NOTES:							
TEAM LEADER'S SIGNATURE Kyle Cleverly							



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PROJECT/SURVEY NAME <i>WSD SDR-MST</i>		RANK <i>Dry Weather</i>		OUTFALL ID <i>MS4-SDR-207</i>		
DATE <i>4.5.18</i>		TIME STARTED (AT SITE) <i>0948</i>		TIME FINISHED (AT SITE) <i>1015</i>		
SAMPLE ID <i>MS4-SDR-207</i>		LATITUDE		LONGITUDE		
FIELD TEAM <i>KC/SL</i>		RECORDER <i>SL</i>				
MONITORING PERIOD <input type="checkbox"/> SUMMER DRY <input checked="" 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 type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY						
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H ₂ 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 <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 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 <i>In channel</i>					
	(ALL THAT APPLY) <input type="checkbox"/> OTHER (DESCRIBE) <input type="checkbox"/> NONE <i>small particulates 2</i>					
	TRASH <input type="checkbox"/> NONE <input type="checkbox"/> VEGETATION <input type="checkbox"/> STYROFOAM <input type="checkbox"/> WOOD <input checked="" type="checkbox"/> PLASTIC (CUPS, BOTTLES, BAGS) <input checked="" type="checkbox"/> OTHER (DESCRIBE) <i>spring can</i>					
	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 <i>collected flow approx 15' up stream of outfall.</i> <i>See back</i>		
	<input checked="" 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: <i>500 mL Back 1 C HF183</i>		GRAB COLLECTION TIME: <i>0950</i>				
FIELD MEASUREMENTS (Taken in duplicate)		pH <i>8.21</i>	TEMP (degree C) <i>17.99</i>	CONDUCTIVITY (uS/cm) <i>1794</i>	<i>Salinity 0.91 DO 10.64 Turbidity 19.9</i>	
		pH <i>8.13</i>	TEMP (degree C) <i>17.99</i>	CONDUCTIVITY (uS/cm) <i>1796</i>	<i>0.91 10.70 19.4</i>	
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)						
<i>Sampled at closed/cover to open channel interface</i> <i>* Homeless person dwelling approx 50' upstream in culvert</i>						
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
PHOTO NUMBERS AND NOTES:						
TEAM LEADER'S SIGNATURE <i>High Claverton</i>						

7' 8" ^{Total} width

Dis. from LE (ft)	Depth (in)	Vel (ft/sec)
LE 0	0	0
6"	0.5	0.55
1'	0.25	0.51
1' 6"	0.25	0.20
2'	0 →	
2' 6"	0 1	
3'	0 1	
4'	0 1	
4' 6"	0 1	
5'	0 1	
5' 6"	1/8	not enough level to obtain flow measurement w/ marshmeboney
6'	1/8	"
6' 6"	1/8	"
7'	0.2	0.45
7' 6"	0.3	0.36
RE 7' 8"	0	0



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PROJECT/SURVEY NAME COSD SDR-MST		RANK Dry Weather		OUTFALL ID SDR-780	
DATE 4.5.18		TIME STARTED (AT SITE) 1020		TIME FINISHED (AT SITE) 1045	
SAMPLE ID SDR-780		LATITUDE		LONGITUDE	
FIELD TEAM KC/SL		RECORDER SL			
MONITORING PERIOD <input type="checkbox"/> SUMMER DRY <input checked="" 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 type="checkbox"/> DRIZZLING <input type="checkbox"/> RAINY					
SURFACE WATER APPEARANCE	ODOR <input type="checkbox"/> ROTTEN EGG/H ₂ 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 <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 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 in channel, thick mats				
	(ALL THAT APPLY) <input type="checkbox"/> OTHER (DESCRIBE) <input type="checkbox"/> NONE small particulates				
	TRASH <input checked="" 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) glass bottle				
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) <input checked="" type="checkbox"/> FLOWING		IF STREAM RATING NOT POSSIBLE, AREA x VELOCITY (CREEK/CHANNEL)		NOTES-FLOW Approx ~45' downstream of culvert in open channel 3' width
	DEPTH FT IN		VELOCITY (choose one) FT/SEC IN/SEC		0.5 to 1.5 ft/s
	WIDTH FT IN				0.5 to 1.5 ft/s
	VELOCITY (choose one) FT/SEC IN/SEC				0.5 to 1.5 ft/s
QA/QC SAMPLES: <input type="checkbox"/> FIELD DUPLICATE <input type="checkbox"/> EQUIPMENT BLANK					
SAMPLES COLLECTED: 500ml Back 1L HF183		GRAB COLLECTION TIME: 1024		26" 1/8 level too low	
FIELD MEASUREMENTS (Taken in duplicate)		pH 7.95	TEMP (degree C) 15.27	CONDUCTIVITY (uS/cm) 4150	Salinity 2.22
		pH 7.88	TEMP (degree C) 15.74	CONDUCTIVITY (uS/cm) 4145	Salinity 2.21
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)					
Collected samples off of drop off from culvert					
PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
PHOTO NUMBERS AND NOTES:					
TEAM LEADER'S SIGNATURE High Cloutier					