## **Appendix E: Chain of Custody Forms**

## EASTEX ENVIRONMENTAL LAB, INC.

P.O. Box 1089

P.O. Box 631375

Coldspring, TX 77331

Nacogdoches, TX 75963-1375

(936) 653-3249 \* (800) 525-0508 (936) 569-8879 \* FAX (936) 569-8951 **ANALYSIS REQUESTED**  $NH_3$ , T  $PO_4$ ,  $NO_2$   $+NO_3$  (1000mL,  $H_2SO_4$ ) Company: TRIES Bill to: H-GAC Attn: Jean Wright Address: Box 2506 Address: P.O. Box 22777, Houston, Tx 77227-2777 Phone: 713-627-3200 Email: jean.wright@h-gac.com  $\infty$ Huntsville TX 77340 Attn: Kaitlen Gary Remarks: (100mL, Phone#: 936-294-2501 Fax#: 936-294-3822 Email: kpgary@shsu.edu P.O. # Entero. Entero. (100mL, SO<sub>4</sub> (500mL) TSS (1000mL) Sampler's Name (print) Sampler's Signature ∞ Project Number Project Name: Clean Rivers Program **Containers** ರ Tot # Size Type C or G DO На Matrix Sample ID Spec. Cond (µS) Date Time Flow Temp Pres Cl2 G G G G G G G G Relinquished By: Date Time Received By: Date Time Received Iced: YES / NO Relinquished By: Date Time Received By: Date Time Received Iced: YES / NO Relinquished By: Received By and/or Checked in By: Date Time Date Time Received Iced: YES / NO LAB USE ONLY Sample Condition Acceptable: Logged In By: Date Time YES / NO Temp ° C Alternate Check In: Date Time



# Pollution Control Services Department 101 S. Richey, Suite H Pasadena, Texas 77506 FAX: 713-274-6475 713-92

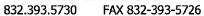
713-920-2831

## SAMPLING RECORD: Clean Rivers Program Sites

D NO.:		PERMIT NO.: HSCSH	G004 <b>OU</b>	TFALL: 000	DATE: KEY MAP:		TIME: MS4?(Y/N):	
NAME:	Houston Ship	Channel Sidebay					LONGITUDE:	
		acinto River @ Boatramp	- 004 (17919)		KEYS:			
SITE DI	RECTIONS:							
			TESTS AND	MEASUREMI	ENTS			
	TEMPERA	ATURE °C				SALINITY (p	opt)	
	pH (stand	ard units)				SPECIFIC C	CONDUCTIVITY (us	/cm)
	DISSOLV	'ED OXYGEN (mg/l)				SECCHI DIS	SK TRANSPARENC	Y (meters)
			FIELD O	BSERVATION	NS			
	SURFACE	CONDITIONS: 1-clear 2-se 4-debris 5-sl			PRESENT WEA		ear 2-partly cloudy n 5-other	3-cloudy
	TURBIDITY	7: 1-low 2-medium 3-high			DAYS SINCE LA	AST SIGNIFI	CANT RAINFALL (F	Runoff)
	WATER SU	JRFACE: 1-calm 2-ripples	3-waves		WIND INTENSI	TY: 1-calm	2-slight 3-moderate	4-strong
	WATER CO	OLOR: 1-brownish 2-reddisl 4-blackish 5-clear			TIDE STAGE: 1	I-low 2-fallin	g 3-slack 4-rising	5-high
	WATER OF	DOR: 1-sewage 2-chemica 4-musky 5-fishy 6-r		Deft	-h met	ers		
			SA	MPLES				
GRAB SPLIT			DIRECT INDIRECT		REPOR	RT:	YES NO	
Amt. Col.	Container	Preservative	Analysis Re	quested		Comment	S	
	1x1/2gal-P	Ice	COND TSS	With the state of		1		
	1x100ml-P	Ice Direct	ENT	*	with the second			
	-1x250mr-P	Ice H2S04	NH3 NOX	TPO4				
	(X500M)-	89978= 89979=						
			RE	MARKS				
			NOT	IFICATION				
CONTAC	T PERSON:			PHONE:			DATE:	
PERSON	CONTACTED/	TITLE:			AFFILIATI		TIME:	AM/PM
RESPON	SE:				- Address			
			<u>C</u> 1	USTODY				
INSPECT	ED/SAMPLED	BY:		RECE	IVED IN LABORA	ATORY BY:		
DAT	ГЕ:		TIME:	AM/I	PM RU	IN NUMBI	ER:	

Field No. \_\_\_\_

City of Houston
Department of Health and Human Services
Bureau of Pollution Control and Prevention
7411 Park Place Blvd





### FIELD FORM & CHAIN OF CUSTODY FORM

Date	Sa	mples Collec	ted By:				
Run No	Station II	o		_ Time (24 hr) _		Field Meter #	
Stream Name	& Intersecting S	treet					
FIELD OBSER	<u>VATIONS</u>			Numbe	er of days since sig	nificant rainfall	_
Flow Severity	Tidal Stage	Color		Odor	Water Surface	Current Weather	Wind Intensity
1 – no flow 2 – low 3 – normal 4 – flood 5 – high 6 – dry*	1 – low 2 – falling 3 – slack 4 – rising 5 – high	2-r 3-g 4-b 5-c	orownish eddish greenish olackish elear other*	I – sewage 2 – oily/chemical 3 – rotten egg 4 – musky 5 – fishy 6 – none 7 – other*	1 – calm 2 – ripples 3 – waves 4 - whitecaps	1 – clear 2 – partly cloudy 3 – cloudy 4 – rain 5 - other	1 calm 2 slight 3 moderate 4 strong
Flow Method	Flow (cfs)	Secch	i Depth (cm)	Evidence of Primary Contact Recreation	# people observed	Sample Depth (ft)	Total Depth (ft)
l – flow-gauge stati 5 - Doppler	ion			1 – observed 0 – not observed	1-10 >10		
INSTRUMENT	READINGS				*Other Obse	ervations:	
Тетр	Conductivity	Dissolved Oxygen (DO)	pH	Salinity			
(1.0 to 38.0 °C)	(0.03 to 60 mS/cm)	(0.5 to 15.0 mg/L)	(5.0 to 10.0)	(.009 to 45.0 PSS)	<u> </u>		
Request for Ar	nalysis (circle w	hat is requeste	<u>ed):</u>	<u>No.</u>	of Containers:		
1 – pH 2 – Conductivity 3 – TSS 4 – N-NO3	5 – CI- 6 – SO4 7 – N-NH3 8 – T-PO4		E. coli Enterococcus		_ 100 mL sterile plastic _ 1 L plastic _ 1 gallon plastic	200 mL ster 1 L plastic ( 1 L plastic() w/H2SO4	v/ H2SO4
Samples Relin Samples Received of	quished By: on Ice: Yes / No		(sign	ature only)		Date:	<del></del>
Lab Sample No	0		Rec	eived by:	signature only)	Date:	



CITY OF HOUSTON
DRINKING WATER OPERATIONS LABORATORY
LAKE HOUSTON WATERSHED SITE MONITORING
FIELD SHEET & CHAIN OF CUSTODY

150 Document ID:

Samples Collected By:

Days Since Last Significant Rainfall:\_\_\_\_\_

Air Temperature :\_\_

Date of Sampling:\_

1.09

Version:

	Sample Run Collected Bi-Monthly	_			Note: All sai	mples taken a	t a one foot de	epth by plast	tic bucket unl	Note: All samples taken at a one foot depth by plastic bucket unless specifically designated in 'Sample Depth' column below.	y designateo	d in 'Sample	Depth' colu	ımn below,					
Sample No.	Station Name	TCEQ	Time	Sample Depth (ft)	Total ) Depth (ft)	Water Temp °C	Sp. Cond.	품	OD III	Secchi Depth (m)	Flow	Obser. Turb.	Water	Water	Present Weather	Wind	Water	Primary	Evidance of P.C.
٢	LUCE BAYOU HUFFMAN /	11187												1					
2	EAST FORK SAN JACINTO RIVER © FM 1485 (gage 8070200)	R 11235																	
8	CANEY CREEK @ FM 1485	11334																	
4	PEACH CREEK @ FM 2090	11337																	
ĸ	EAST FORK SAN JACINTO @ SH 105 (9age 8070000)	11238																	
ω	PEACH CREEK @ FM 105	16625																	
7	CANEY CREEK @Millmac Rd.	21465																	
æ	WEST FORK SAN JACINTO @ FM 105 (gage 8067650)	11251																	***************************************
ი	STEWART CREEK @ LOOP 336, CONROE	16626																	and the same of th
6	CRYSTAL CREEK @ HWY 242	16635																	
11	WEST FORK SAN JACINTO @ FM 242	11243																	
12	SPRING CREEK @ 1-45 (gage 8068500)	11313																	
13	CYPRESS CREEK @ 1-45 (gage 8059000)	11328																	
Comments:	nts:										1-no flow 2-low 3-normal 4-flood 5-high 6-dry	1-lew 1 2-medium 2 3-high 3 5-bigh 5	1-brownish 1-2-ceddish 2-3-greenish 3-6-blackish 5-clear 6-other 6-6-other 6-6-0ther 7-1-6-0ther 7-1-6	1-sewage 1-clear 2-olly/chemica 2-p-cloudy 3-olly/chemica 2-p-cloudy 4-musty 4-musty 5-fishy 5-other 7-other		1-calm 2-slight 2 3-mad. 9 6-strong 4	1-calm 4 2-rapple 6 3-wave 4-whitecap	# of people 1	1-Observed 0-Not observed
	Analysis Required: Bottles used: 'WQP analysis includes:	VOC, V 1-100m H <sub>2</sub> SO <sub>4</sub> f pH, Cor	/OP*, T-phos, sterilized bos or NH3 analys d., TSS, Alk,	Ammonia, Toti Tie for Bacti and Is, 1-250 Hard, NO <sub>Z</sub> -N, N	VOC, WOP*, T-phos, Ammonia, Total Coliform, E. coli 1-100mi steniized bottle for Bacti analysis, 1-500mi plastic bottle for WQP analysis, H <sub>2</sub> SO <sub>4</sub> for NH <sub>3</sub> analysis, 1-250mi amber bottle for T-phos. & TOC analysis. pH, Cond., TSS, Alk, Hard, NO <sub>2</sub> -N, NO <sub>3</sub> -N, F, Cl, Br, SO <sub>4</sub>	III Iml plastic bott for T-phos. & T SO.	ile for WQP and		-40ml VOA bot	2-40ml VOA bottles with 1:1 HQI,		1-500 mL plastic bottle acidified with Temperature of San	N bottle acidified with Temperature of Samples when Received at Lab.	d with of Samples	when Rece	h lived at Lab;	Matrix: <u>Water</u>	Ed .	
Biol. Sam	Biol. Samples Relinquished By:			Date:	Time :			Chem. Samp	Chem. Samples Relinquished By :_	hed By:	The second secon		Date:	ä	Time :				
Biol. San	Biol. Samples Received By :		ة	Date:	Time:	***************************************		Chem. Samp	Chem. Samples Received By :_	: ay :			Date:		Time:		İ		



Effective Date: 05/18/2017

CITY OF HOUSTON
DRINKING WATER OPERATIONS LABORATORY
LAKE HOUSTON RECREATIONAL SITE MONITORING
FIELD SHEET & CHAIN OF CUSTODY

Document ID:

Date of §	Date of Sampling:		Air Tempe	erature :		Days Since E	Days Since Last Significant Rainfall :_	nt Rainfall :			Samples Collected By:	flected By						
Sample	Sample Run Collected Monthly				Note: All s	ampíes take	n at a one foc	ot depth by $\mu$	olastic buck	et unless s	pecifically	designate	d in 'Samp	ole Depth	Note: All samples taken at a one foot depth by plastic bucket unless specifically designated in 'Sample Depth' column below.			
Sample No.	Station Name	TCEQ	Time	Sample Depth (ft)	Total Depth (ft)	Water Temp °C	Sp. Cond.	Ha	DO ma/L	Secchi Flow Depth (m) Severity		Obser.	Water	Water	Present Wind Water Primary Evidance Weather Intensity Surface Contact of P.C.	d Water	Primary	Evidance
+	LAKE PATROL MARINA													4				
2	RAILROAD BRIDGE MIDDLE OF LAKE	11208														-		
e e	LAKE SHADOWS MIDDLE OF LAKE	16668								ļ ,								
4	DUESSEN PARK MARINA																	
ß	WEST FORK McKAY BRIDGE	11211																
s	ATASCOCITA POINT	18667																
7	KINGWOOD MARINA																	
60	WEST FORK Belleau Wood Dr.	20782																
6	LUCES BAYOU WATER WONDERLAND	18670																
6	TREASURE ISLAND MAGNOLIA PT.	16623				<b></b>												
1-	BJ'S MARINA													ļ				
12 L	LAKE HOUSTON MARINA												<u> </u>					
٤,	EAST FORK McKAY BRIDGE	11212																
Comments:	nts:										1-no flow 1-k 2-tow 2-n	1-low 1- 2-medium 2-	1-brownish 1-sewage 1-clear 2-reddish 2-oll/schemic 2-p. cloudy	sewage 1	-clear 1-calm -p.cloudy 2-sight	1-calm 2-roole	# of people	# of people 1-Observed
										1.714 [0.100]	1 1 1 1		3-greenish 3- 4-blackish 4- 5-clear 5- 6-other 6-	4-musty 4-ram 5-fishy 5-other 6-none	cloudy 3-mod. rain 4-strong other	!   !	ii al II	
Analysis Requ Bottles used:	Analysis Required: Bottles used:	VOC, WC 1-100ml sacidified	VOC, WQP*, T-phos 1-100ml sterilized bo acidified with H-SO,	VOC, WQP*, T-phos, Ammonia, Total Coliform, E. coli 1-100ml sterilized bottle for Bacti analysis. acidified with H-SO, for NH, analysis.	.ō	m, E. coli 1-500ml p 1-250ml amb	m, E. coli 1-500mi plastic bottle for WQP analysis, 2 1-250mi amber bottle for T-ohoss & TOC analysis	r WQP analy	/sis, 2-	2-40ml VOA bottles with 1:1 HCl.	ottles with 1	HC,	1+500 ml	1-500 mL plastic bottle	ottle	Matrix: Water	Water	
" WQP an	" WQP analysis includes:	pH, Cond	pH, Cond., TSS, Alk		7.5°.	Hard, NO <sub>2</sub> -N, NO <sub>3</sub> -N, F, Cl, Br, SO <sub>4</sub>						ř	mperature	of Sampl	Temperature of Samples when Received at Lab;	ed at Lab:		
Biol. Sam	Biol. Samples Relinquished By :		Date:		Time :		ō	Chem. Samples Relinquished By :_	es Refinqui	shed By:				Date:	12	Time:	ļ	
Biol. Sam	Biol. Samples Received By:		Date:		Time :		ō	Chem. Samples Received By :_	es Receive	39.				Date:		Time :		

### **EASTEX ENVIRONMENTAL LAB, INC.**

P.O. Box 1089 Coldspring, TX 77331

(936) 653-3249 \* (800) 525-0508

Alternate Check In:

Date

Time

P.O. Box 631375

Nacogdoches, TX 75963-1375

(936) 569-8879 \* FAX (936) 569-8951

San Jacinto River Authority Remarks: Company COD, TKN, NH3N, TP, NO+NO3 (H2SO Address 2436 Sawdust Hardness, Total Cu and Se (HNO3, PRES) The Woodlands Tx 77380 Attn: Phone# 281 367 9511 281 362 4385 Fax# P.O. # CL, NO3, SO4 Coli/Entero Sampler's Name (print) Sampler's Signature Project Number Project Name: Clean Rivers Upper Panther Branch BOD5 **Containers** Sample ID Date Time C or G DO рΗ CI2 Flow Temp Matrix # size type pres ш G OT 5 3,6 PS C,S Χ Χ Χ Χ Х Χ 16629, Site 1, Upstream STP#2 G OT 5 3,6 PS C,S Χ Χ Χ Χ Х Χ 16630, Site 2, Downstream STP #2 Х G PS Χ Χ Χ Х Χ 16631, Site 3 OT 5 3,6 C.S G Χ Χ , Lake Woodlands, Split 4 3,6 PS C,S Χ Χ Site Relinquished By: Date Time Received By: Date Time Received Iced: YES / NO Relinguished By: Date Time Received By and/or Checked in By: Date Time Received Iced: YES / NO LAB USE ONLY Sample Condition Acceptable: YES / NO Temp , C Logged In By: Date Time

Revised 12/23/13

**ANALYSIS REQUESTED** 

See back for instructions

## **EASTEX ENVIRONMENTAL LAB, INC.**P.O. Box 1089 P.O. Box 631375

Coldspring, TX 77331 (936) 653-3249 \* (800) 525-0508 Nacogdoches, TX 75963-1375 (936) 569-8879 \* FAX (936) 569-8951 Revised 12/23/13

**ANALYSIS REQUESTED** 

Company San Jacinto River Auth	<u>ority</u>			Rema			320 0000		, ,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,											
Address 2436 Sawdust																		S04	(S					
The Woodlands Tx 77380																		(Н2	PRES)					١.
Attn:																		103	103,					1/
Phone# 281 367 9511																		1+01	Se (HNO3,					1/
Fax# 281 362 4385																		P, N	3S pt					II
P.O. #														o			74	N, T	)u ar					Ш
Sampler's Name (print)				Sampl	er's Sigr	nature								nter			, SO4	NH3	otal (		П			$\parallel \parallel$
Project Number	Project	Name: C	lean Ri	vers Lo	wer Par	ther Br	anch				Cont	taine	rs	Coli/Entero		35	NO3,	COD,TKN, NH3N, TP, NO+NO3 (H2SO4	Hardness, Total Cu and					
Sample ID	Date	Time	C or G	DO	рН	CI2	Flow	Temp	Matrix	#	size			EC	SSL	BOD5	CL,	сор	Hardn					
16627, Site 2, Upstream STP#1			G						ОТ	5	3,6	PS	C,S	Х	Х	Х	Х	Х	Х					
16422, Site 3, Downstream STP #1			G						ОТ	5	3,6	PS	C,S	Х	Х	Х	Х	Х	Х					
Site, Lake Woodlands, Split			G						ОТ	4	3,6	PS	C,S		Х	Х	Х	Х						
Relinquished By:		Date		Time		Receive	ed By:						Date			Time		R	eceiv	ed Id	ced:	YES	/ N	10
Relinquished By:		Date		Time		Received	By and/or C	checked in	n By:				Date			Time						YES		
LAB USE ONLY Sample Condition Accept Alternate Check In:	table: Date		/ NO Time	Temp	° C	Logge	ed In By:						Date			Time						struc		

## **EASTEX ENVIRONMENTAL LAB, INC.**

P.O. Box 1089 Coldspring, TX 77331 P.O. Box 631375

(936) 653-3249 \* (800) 525-0508

Nacogdoches, TX 75963-1375 (936) 569-8879 \* FAX (936) 569-8951 Revised 12/23/13

**ANALYSIS REQUESTED** 

Company San Jacinto River Aut	hority			Rema			3_0 0000						0,000											T
Address 2436 Sawdust																		(H2SO4		(S)		/		/
The Woodlands Tx 77380																		(Н2		Se (HNO3, PRES)			1 /	
Attn:																		NO+NO3		103,				1/
Phone# 281 367 9511																		1+0		(H)			II	1/
Fax# 281 362 4385																		TP, N		and S			$\parallel \parallel$	1/
P.O. #														ō			<b>SO4</b>		à	Cu a	$\Box$	$\prod_{i=1}^{n}$	П	1/
Sampler's Name (print)				Sample	er's Sigr	nature								nte				Ĭ	اچا	otal	П	$\prod_{i=1}^{n}$		$\parallel$
Project Number	Project	Name: C	Clean Ri	vers La	ke Woo	dlands					Cont	aine	rs	Coli/Entero	m	D2	NO3,	СОД,ТКИ, ИНЗИ,	Chlorophyll-a	Hardness, Total				
Sample ID	Date	Time	C or G	DO	рН	CI2	Flow	Temp	Matrix	#	size	type	pres	ЕС	TSS	BOD5	CL,	cor	당	Hard				
16484, Site 1, Lake Woodlands			G						ОТ	6	1,3,6	PS	C,S	Χ	Χ	Х	Х	Х	Х	Х				
16483, Site 2, Lake Woodlands			G						ОТ	5	3,6	PS	C,S	Х	Х	Х	Х	Х		Х				
16481, Site 3, Lake Woodlands			G						ОТ	5	3,6	PS	C,S	Х	Х	Х	Х	Х		Х				
16482, Site 4, Lake Woodlands			G						ОТ	6	1,3,6	PS	C,S	Χ	Χ	Х	Х	Х	Х	Х				
Site, Lake Woodlands, Split			G						ОТ	5	1,3	PS	C,S		Χ	Χ	Х	Χ	Χ				L	lacksquare
																							<u> </u>	igspace
																								lacksquare
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																					<u> </u>	<u> </u>		₩
																							<del> </del>	+
Relinquished By:		Date		Time		Receive	ed By:						Date			Time		R	eceiv	l ved I	ceq.	YES	 ;	NU T
Relinquished By:		Date		Time		Received	By and/or C	checked in	n By:				Date			Time						YES		
LAB USE ONLY Sample Condition Accel Alternate Check In:	eptable: Date		/ NO Time	Temp	° C	Logge	d In By:						Date			Time						struc		

# Texas Research Institute for Environmental Studies (TRIES) Analytical Laboratory Sam Houston State University Chain of Custody

					RE	PORT TO:												BILI	L TO:
Name: Kaitle													Vame: K						
	RIES Aquatics																Laborato		
	24 Sam Housto		Suite	B-8														, Suite B	-8
City, State, Z	<b>Lip:</b> Huntsville,	Tx 77340										(	City, Sta	te, Zip:	: Hunt	sville, '	TX 7732	0	
Phone: 936-2			Fax	(		Email: kpgary	@shsu.e	du		Phone	: 936-29	94-25	501				Fax:		Email: kpgary@shsu.edu
Sampler Nar	ne:				Sampler	Signature:								An	nalysis	s Requ	iired		TRIES Log #
Date Collected	Time Collected	Matrix Code	Tyj C	G		mple on/Location	Bottle ID	рН	°C		Cl, SO4, NO2, NO3	TSS	T PO4	NH3				Sample Number	TRIES Use Only Sample Receipt Checklist: Shipped:
		AQ		X			B1			С	X								Hand Del:
		AQ		X			B2			C		X							Container Tape:
		AQ		X			В3			A			X						Present: Intact Y N NA Y N NA
		AQ		X			B4			D				X					Carley Tayror (9C)
																			Cooler Temp:(°C)
																			Broken: Y N Leaking: Y N
																			Preserved: Y N
																			Acid type:
Requested Normal (10 Expedite: ( Rush (1 Da *C=Compo G=Grab	) days) 5 days) ny)	Matrix WW=Wa AQ=wat SW=sol	astew ter		C = <0 $A = pH$ $B = pH$	I <2 HNO <sub>3</sub> H <2 HCl H <2 H <sub>2</sub> SO <sub>4</sub>		Samp	le Rec	l eiving,	Lab Co	omm	ents:				1	1	Acid vol: Acid lot:  COC Seals: Present: Intact: Y N NA Y N NA  COC & Labels Match: Y N  Sufficient Quantity: Y N
Relinquished					Date/Time:		Relinqu	uished B	y:								Date/Ti	me:	
Received By:	:				Date/Time:		Receive	ed By:									Date/Ti	me:	
Thermomete	er ID:		рI	I strips	Lot:			Projec	t: Clea	n Rive	rs Prog	ram			-	•			