CATHODIC PROTECTION SYSTEM EVALUATION									
> This form may be utilized to evaluate underground storage tank (UST) cathodic protection systems in the State of Texas.									
> Checked for operation is taken to mean that it was confirmed the rectifier was receiving power and is "turned on".									
> Any significant variance should be reported to your corrosion professional so that any repairs and/or adjustments necessary can be made.									
UST OW	UST FACILITY								
NAME: Culebra Food IN	NAME:	Shell Food Mart	FAC. ID #: 59110						
ADDRESS: 3502 Culbera Rd		ADDRESS:	3502 Culbera Rd						
CITY: San Antonio	STATE : Texas	CITY:	San Antonio	COUNTY: Bexar					
CP TEST	CP TESTER'S QUALIFICATIONS								
NAME: Murad Samnan	STEEL TANK	INSTITUTE ID#:	CP 16521						
COMPANY: Environmental	OTHER: (EX	PLAIN):							
ADDRESS: P.O Box 18467									
CITY: Sugar Land	STATE: Texas								
REASON SURVEY WAS CONDUCTED (mark only one)									
Routine - 3 year	finstallation	Re-survey after repa	ir/modification						
Date next cathodic protection survey must be conducted by: Jun-27									
CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)									
PASS AI	All protected structures at this facility "pass" the cathodic protection survey and								
it	it is judged that adequate cathodic protection has been provided to the UST system.								
	ne or more protected struction is judged that adequate ca		·						
	ne cathodic protection surv "corrosion expert" because	-							
CP TESTER'S SIGNATURE:	A C	DATE CP SU	RVEY PERFORMED:	6/26/2024					
CRITERIA APPLICABLE TO EVALUATION (mark all that apply)									

Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO₄ reference electrode with protective current momentarily Interrupted ("instant-off").

Structure tested exhibits at least 100 mV of cathodic polarization ("100 mV polarization).

ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)

NONE Cathodic protection has been judged adequate. No further action is necessary at this time. **RETEST** Cathodic protection has been judged inadequate. Retest during the next 90 days

to determine if "passing" results can be achieved.

REPAIR & RETEST Cathodic protection has been judged inadequate. Repair/modification of the cathodic protection system is necessary.

			DE	SCRIPTIO	N OF UST SY	/STEM				
TANK#	PRODUCT		CAPACITY		TANK MATERIAL		PIPING MATERIAL			
1	Regular		12,000		Steel		FRP			
2	Super		8,000		Steel		FRP			
	2 Super		3,000							
			IMPRE	SSED CURI	RENT RECTI	FIER DATA				
Rectifier Manufacturer:			Universal		Rectifier Se		rial Number: 114923			
Rectifier Model: E		ES	Ra		ted DC Output: 20		Volts 10 Amps			
EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR	COMMENTS			
		COARSE	FINE	VOLTS	AMPS	METER	COMMENTS			
"AS FOUND"	6/26/2024	2	3	9.7	1.5	N/A	-			
"AS LEFT"	6/26/2024	2	3	9.7	1.5	N/A	-			
				CONTIN	UITY SURVE	ΕY				
DESCRIBE LOCAT	TION OF "FIXED RE	MOTE" REFE	ERENCE EI	ECTRODE PLA	CEMENT:					
STRUCTURE A		STRUCTURE B		STRUCTURE "A" FIXED REMOTE	STRUCTURE "B" FIXED REMOTE	POINT-TO-POINT VOLTAGE DIFFERENCE	ISOLATED/ CONTINUOUS/			
				VOLTAGE	INSTANT OFF VOLTAGE		INCONCLUSIVE			
			ı				URVEY RESULTS			
STRUCTURE	CONTACT POINT		REF CELL PLACEMENT		ON VOLT	OFF VOLT	100 mV POLARIZATION	PASS/FAIL		
1	Bottom of Tank		Soil near tank		-1284 mV		-	Pass		
1	Bottom of Tank		Soil @ STP		-1115 mV	-971 mV	-	Pass		
1		ottom of Tank		@ Probe	-1276 mV		-	Pass		
2		om of Tank		ear tank	-1408 mV	-1007 mV	-	Pass		
2		ttom of Tank		@ STP	-1499 mV	-1382 mV	-	Pass		
2	Bottom of Tank		Soil @ Probe		-1553 mV	-963 mV	-	Pass		
			<u> </u>							
COMMENTS	S:									