

GENERAL TANK INFORMATION				
District: Slave Lake		Skid No.: BAR1		
Facility: Barney Pads		Location (LSD): 09-13-080-21W4		
Name & Equip No: AST - C81055		Orientation: Vertical		
Company: CNRL		Cost Code:		
Status: Shut-In		Operating Province: Alberta		
Unit: W.O/P.O No.:		Unique ID: ONCOR ID: 64856		
TANK NAMEPLATE DATA				
Registration Number: C81055		Registration Number (Other):		
Serial Number: F-97-019-12		Tank Height: 288.00 (In)		7315.20 (mm)
Manufacturer: GLM TANKS & EQUIPMENT LTD		Tank Diameter: 183.00 (In)		4648.20 (mm)
Year Built: 1997		Tank Volume: 750.00		
Type:		Floor Material:		
Secondary Containment: Yes		Floor Thickness: 0.25 (In)		6.35 (mm)
External Cathodic Protection: Yes		Roof Material:		
Corrosion Allowance: (In) (mm)		Roof Thickness: 0.19 (In)		4.78 (mm)
Internally Coated: No		Containment Length: (In) (mm)		
Skid Mounted: No		Containment Width: (In) (mm)		
Tank Heat Type: FIRETUBE		Containment Height: (In) (mm)		
Lining Coated Type: N/A		Deck Material:		
Portable: No		Deck Thickness: (In) (mm)		
Elevated: Yes		Double Walls: No		
Anodes: No		Insulated: Yes		
Internal Access: Yes		Shell Material: A-36 OR EQ		
		Shell Thickness: 0.19 (In)		4.78 (mm)
SERVICE CONDITIONS-INDICATE ALL THAT APPLY				
Sweet	Sour	Oil	Gas	Water
Amine	LPG	Condensate	Air	Glycol
Other (Describe):				
COMPONENTS				
Name	Outside Diameter(in.)	Stress Value (PSI)	Nominal Thickness(Inch)	
GENERAL COMMENTS				
EQUIPMENT NAME: TANK TK 108B. PICS: 365 - 367.				

Field Inspection Report - CNRL

3,312

Registration #: C81055	Equipment Name: AST	Province: Alberta
District: Slave Lake	LSD: 09-13-080-21W4	Location: Barney Pads
CRN:	Skid Number: BAR1	Service:
Manway:	Coating:	Equipment Number: C81055
MAWP (psi): (psi)	Temp: (F)	Serial Number: F-97-019-12
Outstanding NCR's: No	No.: 0	
General:		


Internal Inspection

Inspection Date:	Inspection Interval:	Next Insp. Date:
May 23, 2013		
Item	Condition	Inspection Comments
General Condition	Accept	GOOD CONDITION.
Insulation	Accept	GOOD CONDITION.
Containmen	Accept	GRAVEL BERM WITH POLY LINER.
External Corrosion	N/A	INSULATED.
External Welds	N/A	INSULATED.
Bolted Tanks	N/A	
Bolted Tanks	N/A	
Manway	Accept	MANWAY & MANWAY DOORS IN GOOD CONDITION.
Supports/Structural	Accept	GOOD CONDITION.
Internal Welds	Accept	GOOD CONDITION.
Coating	N/A	
Floor	Accept	PERFORMED SPOT UT & MFL FLOOR SCAN. NO DAMAGE OBSERVED.
Shell	Accept	GOOD CONDITION. MINOR DENT/BULGE ON SOUTHEAST SHELL ROUGHLY 4" FROM FLOOR.
Roof	Accept	GOOD CONDITION.
Internal components	Accept	GOOD CONDITION.
Anodes	N/A	
NDE	Accept	PERFORMED SPOT UT ON FLOOR & 1ST SHELL SECTION. PERFORMED MFL FLOOR SCAN.
Other	Concern	TWO TRANSPORTATION SKIDS OBSERVED TO BE BREAKING AWAY FROM TANK.
Recommendations:	TANK IS FIT FOR SERVICE.	Inspected By: Jamey Tanasichuk ABSA PESL #: 000411
	RECOMMEND TO RE-ATTACH TRANSPORTATION SKIDS BEFORE MOVING TANK.	

INSPECTOR : I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is:

Suitable to be returned to service **Repairs complete(AB-40 attached)**

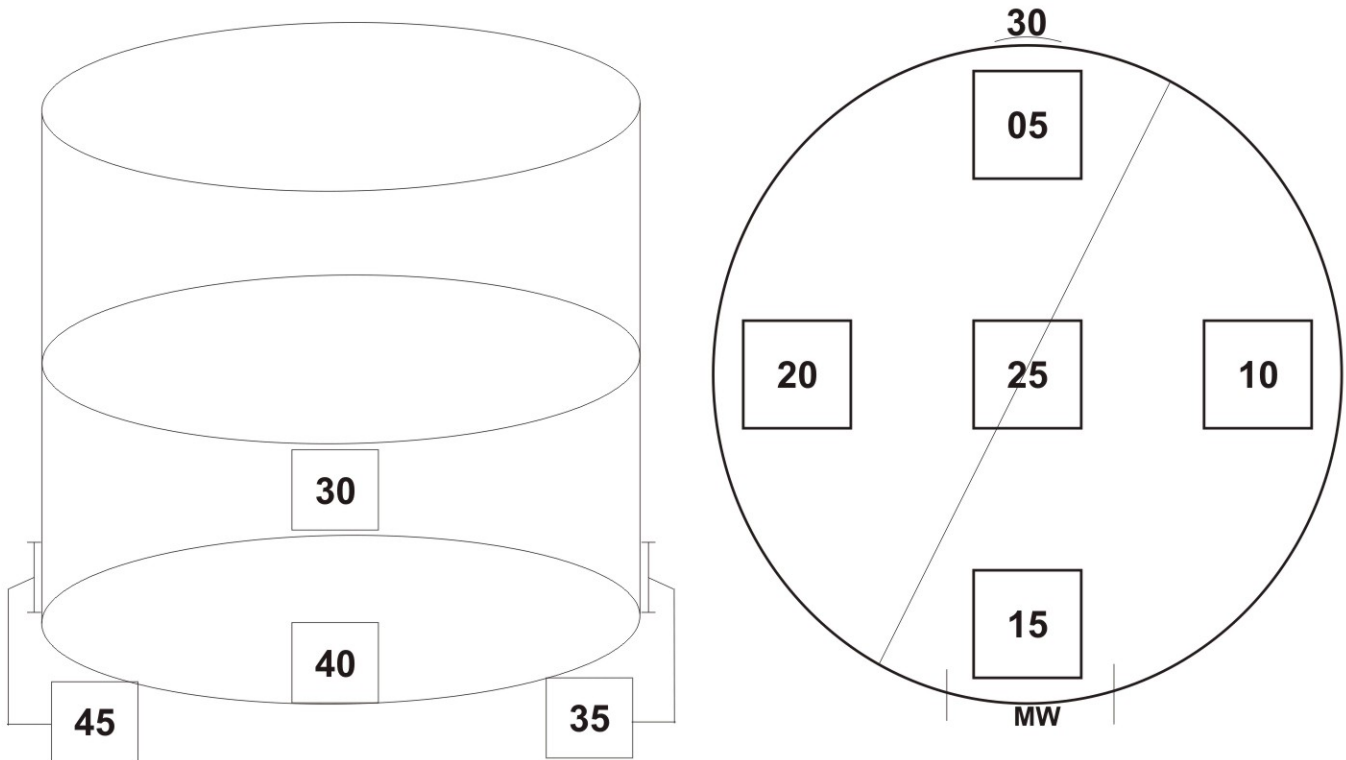
Repairs are still required: **Suggested Inspection interval:**

Inspector: Jamey Tanasichuk **ABSA PESL #:** 000411 **Signature:**  **Date:** May 23, 2013

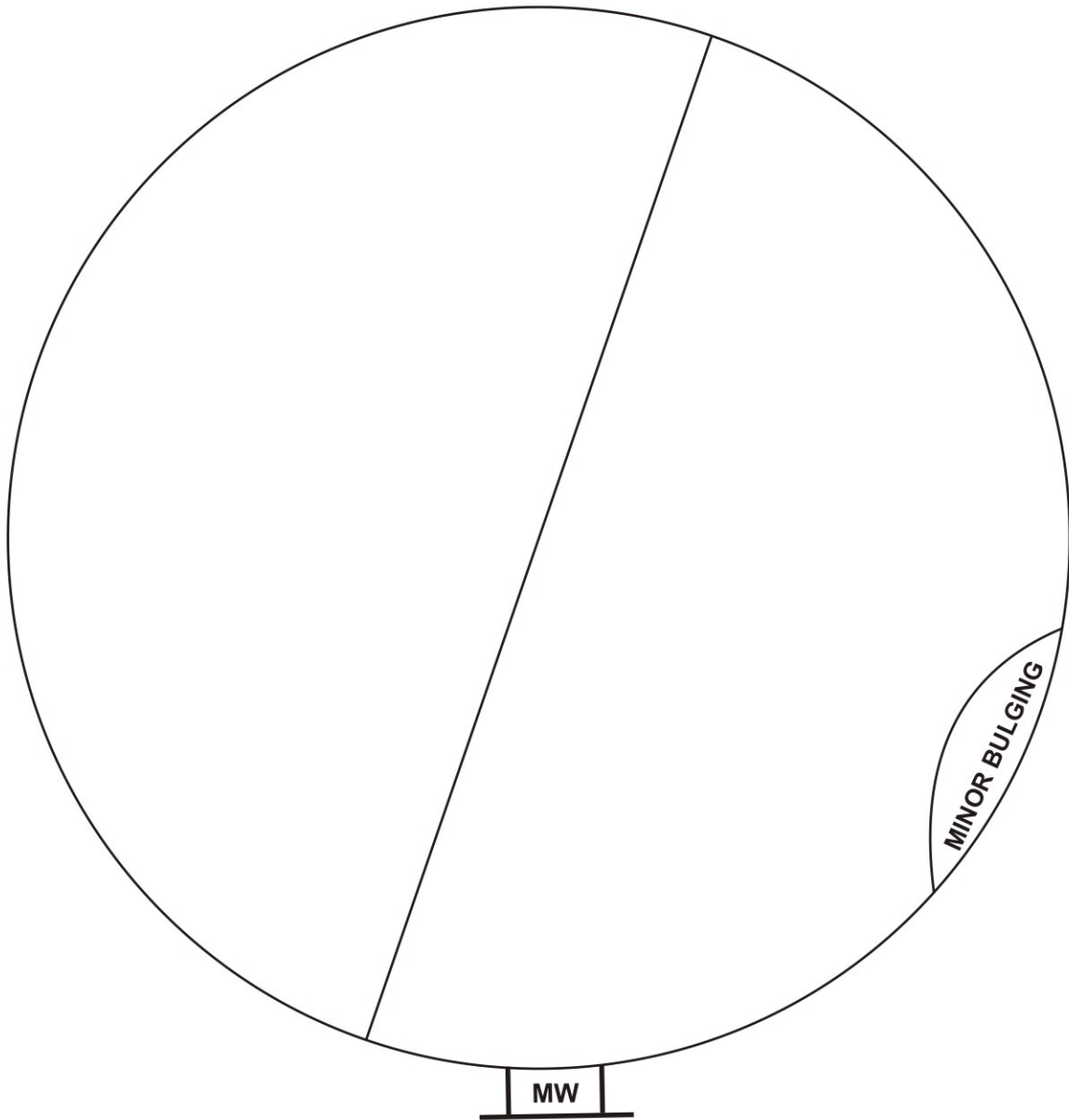
STORAGE TANK SURVEY DRAWING

#	LOW	AVG	#	LOW	AVG
05	0.232	0.250	35	0.184	0.195
10	0.236	0.250	40	0.182	0.190
15	0.246	0.260	45	0.182	0.190
20	0.225	0.240			
25	0.239	0.250			
30	0.184	0.195			

NOTE: EACH TML REPRESENTS A 12" x 12" SCANNING AREA



MAGNETIC FLUX LEAKAGE (MFL) REPORT




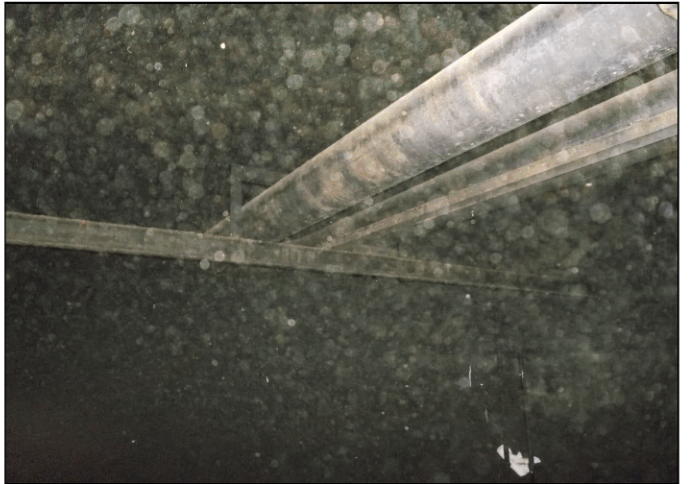
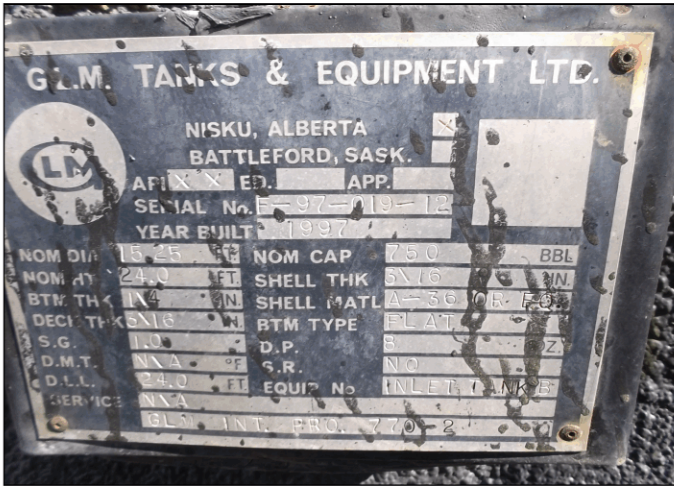
SCOPE

MAGNETIC FLUX LEAKAGE FLOOR SCAN PERFORMED ON TANK FLOOR.
 ANY AREAS OF NOTABLE UNDERSIDE CORROSION THAT ARE LOCATED SHALL BE PROVED WITH UT THICKNESS VERIFICATION.

RESULTS

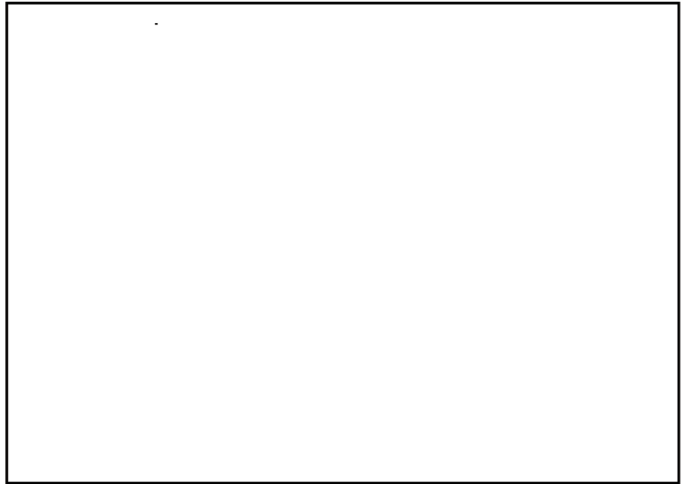
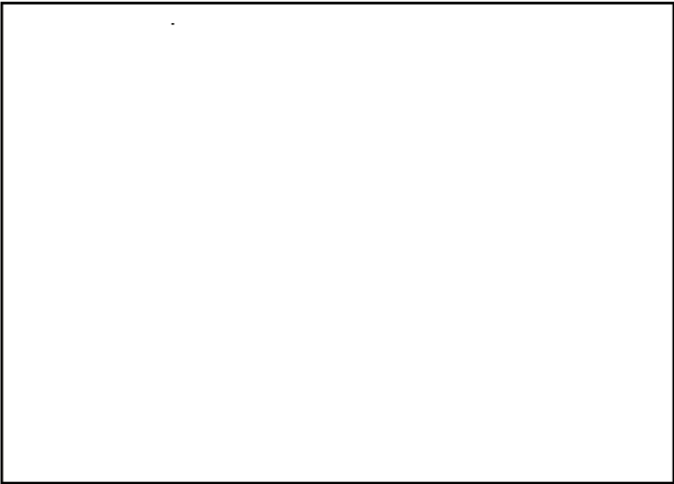
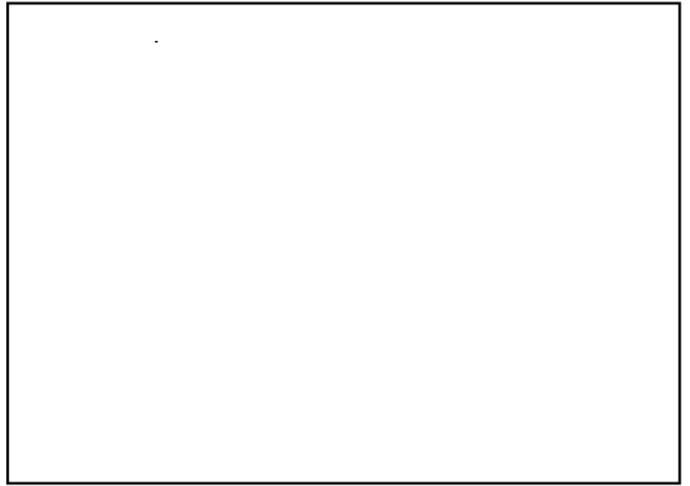
NO SIGNS OF UNDERSIDE CORROSION WERE FOUND USING THE MFL AND UT SCAN.

OWNER: CNRL	SERIAL # F-97-019-12	INSPECTED BY: JUSTIN ORICHOWSKI  PAGE 2 / 2
EQUIPMENT NAME: TANK	NB#	
REGISTRATION # C81055	OWNER ID	
EQUIPMENT # C81055	ONCOR ID	



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