

GENERAL TANK INFORMATION				
District: Slave Lake		Skid No.: CB27		
Facility: Central Pads		Location (LSD): 11-30-080-20W4		
Name & Equip No: AST - C81060		Orientation: Vertical		
Company: CNRL		Cost Code:		
Status: Not In Service		Operating Province: Alberta		
Unit: W.O/P.O No.:		Unique ID:		ONCOR ID: 65619
TANK NAMEPLATE DATA				
Registration Number: C81060		Registration Number (Other):		
Serial Number: F-96-400-23		Tank Height:	288.00 (In)	7315.20 (mm)
Manufacturer: G.L.M. TANKS		Tank Diameter:	183.00 (In)	4648.20 (mm)
Year Built: 1996		Tank Volume: 750.00		
Type: 12F		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)	4.76 (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)	4.76 (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				
TYPE STATED AS API 12F MOD. INSULATION BUBBLING. PICS: 253-255.				

**Field Inspection Report - CNRL**

**3,309**

<b>Registration #:</b> C81060	<b>Equipment Name:</b> AST	<b>Province:</b> Alberta
<b>District:</b> Slave Lake	<b>LSD:</b> 11-30-080-20W4	<b>Location:</b> Central Pads
<b>CRN:</b>	<b>Skid Number:</b> CB27	<b>Service:</b>
<b>Manway:</b>	<b>Coating:</b>	<b>Equipment Number:</b> C81060
<b>MAWP (psi):</b> (psi)	<b>Temp:</b> (F)	<b>Serial Number:</b> F-96-400-23
<b>Outstanding NCR's:</b> No	<b>No.:</b> 0	
<b>General:</b>		

**Internal Inspection**

<b>Inspection Date:</b>	<b>Inspection Interval:</b>	<b>Next Insp. Date:</b>
May 23, 2013		
<b>Item</b>	<b>Condition</b>	<b>Inspection Comments</b>
General Condition	Accept	GOOD CONDITION.
Insulation	Concern	INSULATION OBSERVED WITH MANY BLISTERS/HOLIDAYS ON EXTERNAL SURFACE OF TANK.
Containmen	Accept	STEEL RING 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	ALL SUPPORTS IN PLACE AND IN GOOD CONDITION.
Internal Welds	Accept	GOOD CONDITION.
Coating	N/A	
Floor	Accept	PERFORMED SPOT UT ON FLOOR AND MFL FLOOR SCAN. NO SIGNS OF UNDERSIDE CORROSION OBSERVED. NO SIGNS OF CORROSION ON INTERNAL SURFACE.
Shell	Accept	GOOD CONDITION.
Roof	Accept	GOOD CONDITION.
Internal components	Accept	FIRETUBE & ALL OTHER INTERNAL COMPONENTS IN GOOD CONDITION.
Anodes	N/A	
NDE	Accept	PERFORMED SPOT UT ON FLOOR AND 1ST SHELL SECTION. PERFORMED MFL FLOOR SCAN.
Other	N/A	
<b>Recommendations:</b>	TANK IS FIT FOR SERVICE.	<b>Inspected By:</b> Jamey Tanasichuk <b>ABSA PESL #:</b> 000411

**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

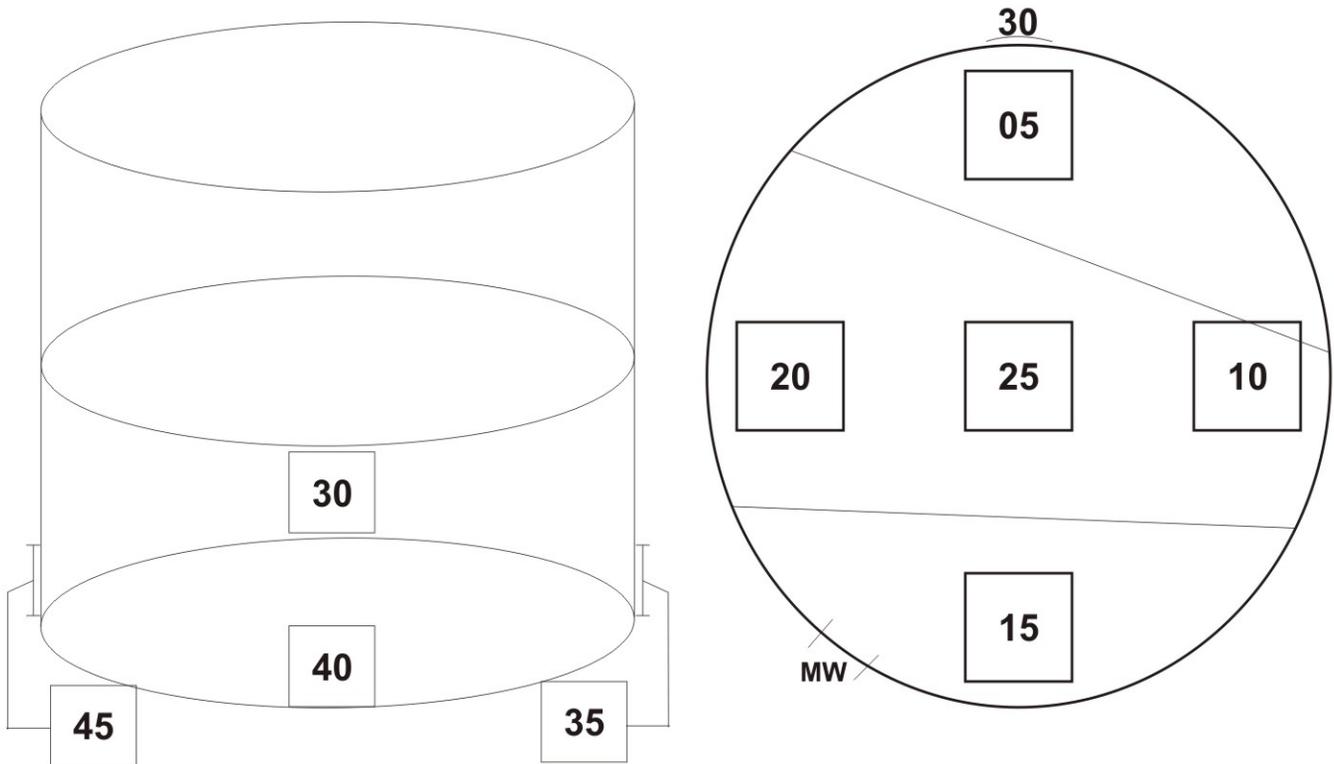
**Signature:** 

**Date:** May 23, 2013

**STORAGE TANK SURVEY DRAWING**

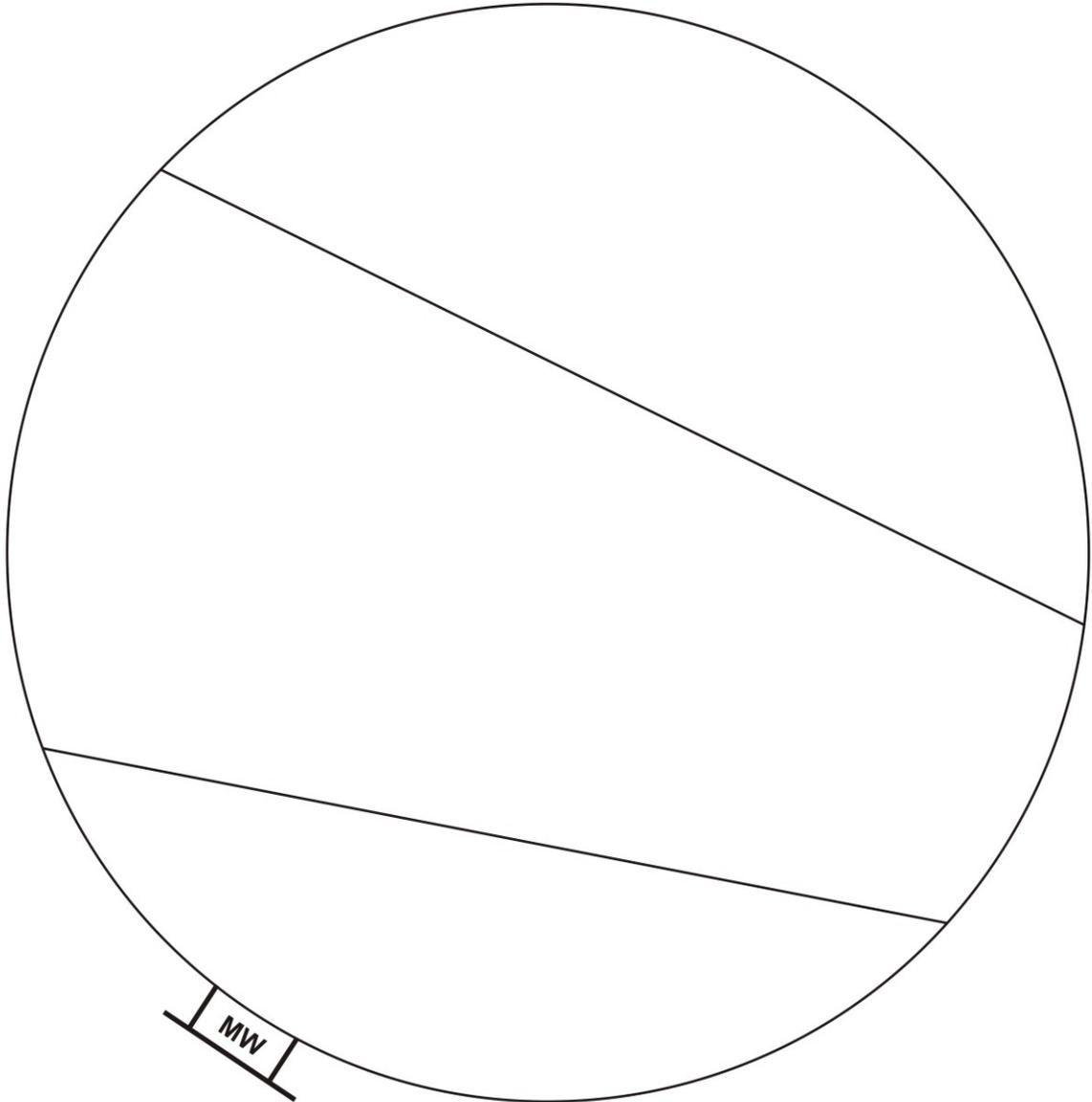
#	LOW	AVG	#	LOW	AVG
05	0.246	0.255	35	0.182	0.190
10	0.242	0.250	40	0.186	0.195
15	0.246	0.255	45	0.181	0.190
20	0.231	0.245			
25	0.243	0.255			
30	0.183	0.190			

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



<b>OWNER:</b> CNRL	<b>SERIAL #</b> F-96-400-23	INSPECTED BY: JAMES TANASICHUK  PAGE 1 / 2
<b>EQUIPMENT NAME:</b> TANK	NB#	
<b>REGISTRATION #</b> C81060	<b>OWNER ID</b>	
<b>EQUIPMENT #</b> C81060	<b>ONCOR ID</b>	

**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.

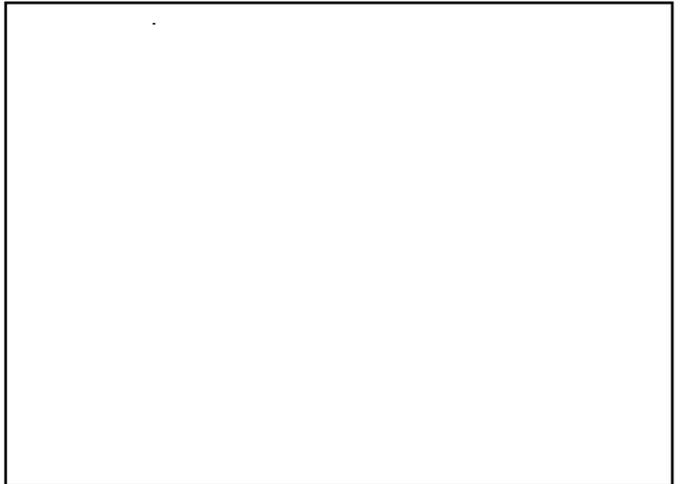
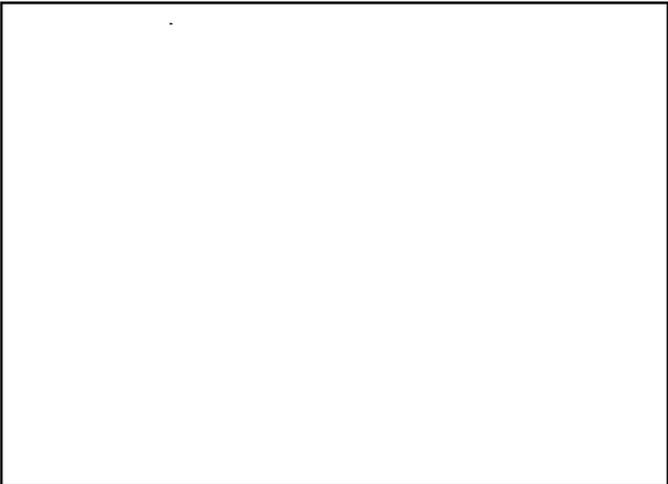
**RESULTS**

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

<b>OWNER:</b> CNRL	<b>SERIAL #</b> F-96-400-23	INSPECTED BY: JUSTIN ORICHOWSKI  PAGE 2 / 2
<b>EQUIPMENT NAME:</b> TANK	<b>NB#</b>	
<b>REGISTRATION #</b> C81060	<b>OWNER ID</b>	
<b>EQUIPMENT #</b> C81060	<b>ONCOR ID</b>	



<b>OWNER: CNRL</b>	<b>SERIAL # F-96-400-23</b>	NOTES <b>PAGE 1 / 2</b>
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