

GENERAL TANK INFORMATION				
District: Slave Lake		Skid No.: CB33		
Facility: Central Pads		Location (LSD): 01-07-081-20W4		
Name & Equip No: AST - C81068		Orientation: Vertical		
Company: CNRL		Cost Code:		
Status: Operating		Operating Province: Alberta		
Unit: W.O/P.O No.:		Unique ID: ONCOR ID: 65412		
TANK NAMEPLATE DATA				
Registration Number: C81068		Registration Number (Other):		
Serial Number: G-97-338-90		Tank Height: 288.00 (In)		7315.20 (mm)
Manufacturer: G.L.M. TANKS		Tank Diameter: 207.00 (In)		5257.80 (mm)
Year Built: 1998		Tank Volume: 1000.00		
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: 0.25 (In)		6.35 (mm)
Internally Coated:		Containment Length: (In)		(mm)
Skid Mounted: No		Containment Width: (In)		(mm)
Tank Heat Type: FIRETUBE		Containment Height: (In)		(mm)
Lining Coated Type:		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: 0.25 (In)		6.35 (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				
SECONDARY SHELL THICKNESS 0.1875". PICS: 373-375.				


Field Inspection Report - CNRL

3,307

Registration #:	C81068	Equipment Name:	AST	Province:	Alberta
District:	Slave Lake	LSD:	01-07-081-20W4	Location:	Central Pads
CRN:		Skid Number:	CB33	Service:	
Manway:		Coating:		Equipment Number:	C81068
MAWP (psi):	(psi)	Temp:	(F)	Serial Number:	G-97-338-90
Outstanding NCR's:	No	No.:	0		
General:					

Internal Inspection

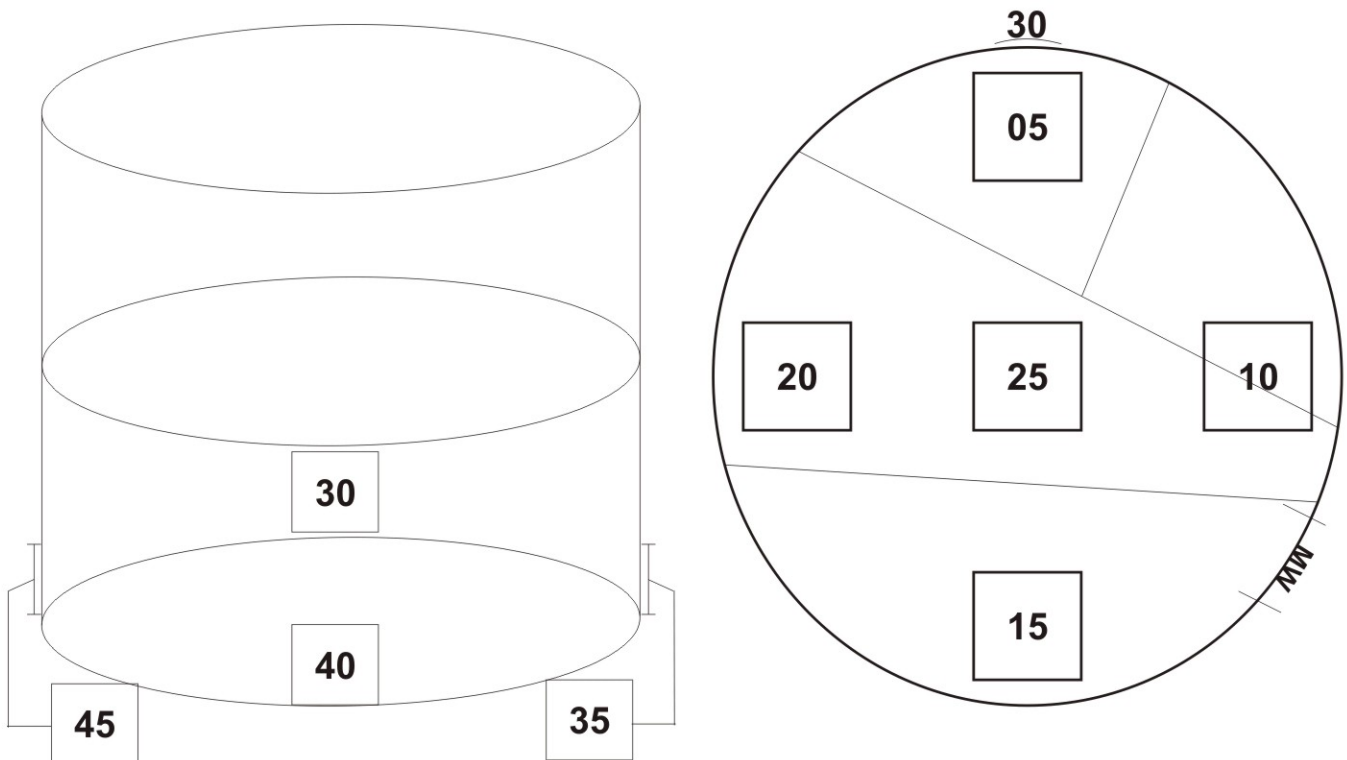
Inspection Date:	May 22, 2013	Inspection Interval:		Next Insp. Date:	
Item	Condition	Inspection Comments			
General Condition	Accept	GOOD CONDITION.			
Insulation	Accept	MINOR BLISTERS/HOLIDAYS OBSERVED.			
Containmen	N/A				
External Corrosion	N/A	INSULATED.			
External Welds	N/A	INSULATED.			
Bolted Tanks	N/A				
Bolted Tanks	N/A				
Manway	Accept	GOOD CONDITION.			
Supports/Structural	Accept	ALL SUPPORTS IN GOOD CONDITION.			
Internal Welds	Accept	GOOD CONDITION. NO DAMAGE OBSERVED.			
Coating	N/A				
Floor	Accept	PERFORMED SPOT UT AND MFL FLOOR SCAN. NO DAMAGE OBSERVED.			
Shell	Accept	GOOD CONDITION.			
Roof	Accept	GOOD CONDITION.			
Internal components	Concern	FIRETUBE OBSERVED TO BE DISTORTED ON BURNER SIDE.			
Anodes	N/A				
NDE	Accept	PERFORMED SPOT UT ON FLOOR & 1ST SHELL SECTION. PERFORMED MFL FLOOR SCAN.			
Other	N/A				
Recommendations:	TANK IS FIT FOR SERVICE.		Inspected By:	Jamey Tanasichuk	ABSA PESL #: 000411
	RECOMMEND TO SANDBLAST AND INSPECT FIRETUBE.				

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 22, 2013

STORAGE TANK SURVEY DRAWING

#	LOW	AVG	#	LOW	AVG
05	0.230	0.245	35	0.246	0.255
10	0.233	0.245	40	0.244	0.260
15	0.240	0.250	45	0.250	0.260
20	0.239	0.250			
25	0.241	0.250			
30	0.248	0.255			

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



OWNER: CNRL

SERIAL # G-97-338-90

EQUIPMENT NAME: TANK

NB#

REGISTRATION # C81068

OWNER ID

EQUIPMENT # C81068

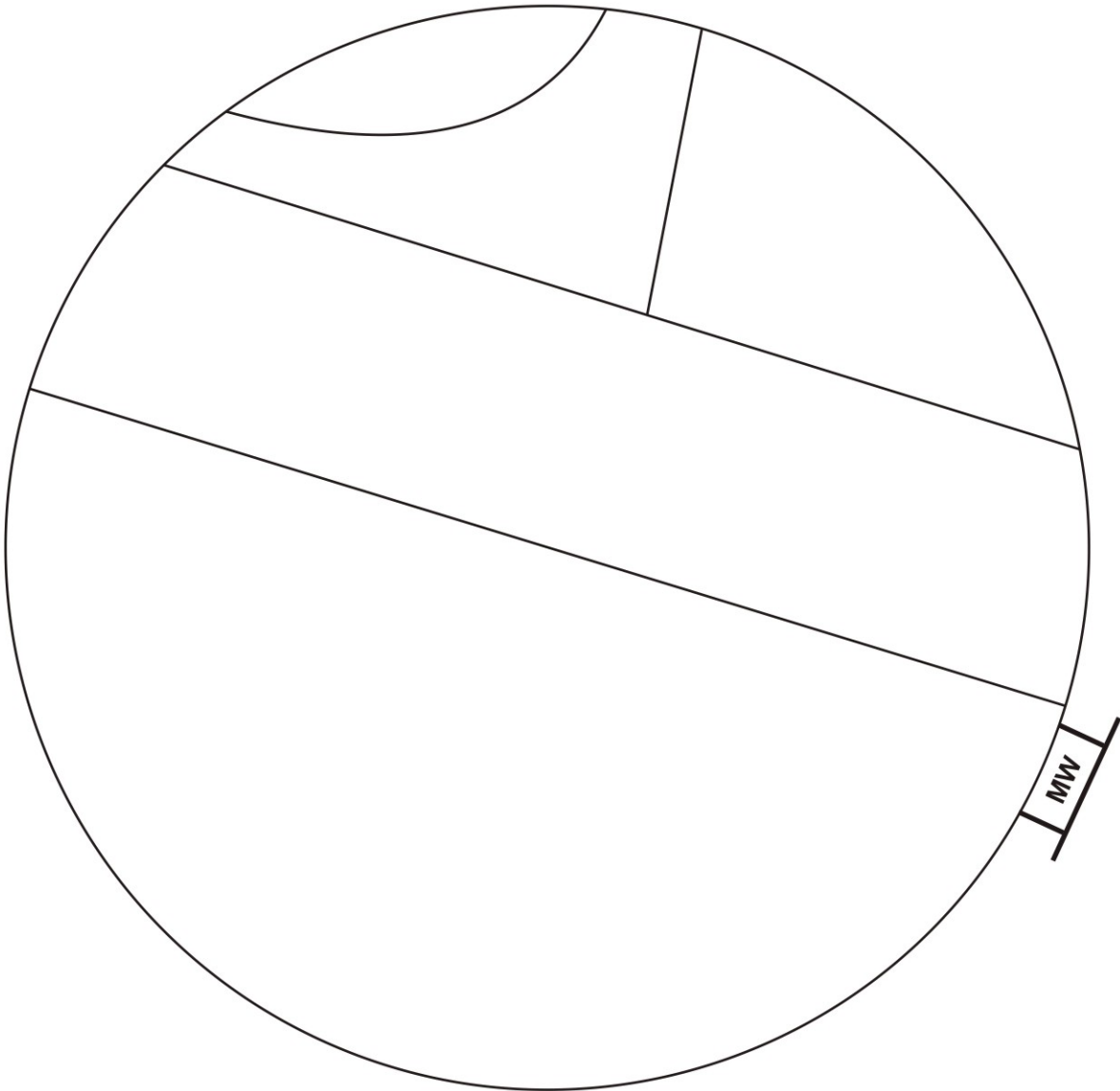
ONCOR ID

INSPECTED BY:
JAMES TANASICHUK

[Signature]

PAGE 1 / 2

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 # G-97-338-90

INSPECTED BY:
JUSTIN ORICHOWSKI

EQUIPMENT NAME: TANK

NB#

REGISTRATION # C81068

OWNER ID

EQUIPMENT # C81068

ONCOR ID

PAGE 2 / 2

G.L.M. TANKS & EQUIPMENT LTD.

NISKU, ALBERTA
BATTLEFORD, SASK.

API ☐ ED. ☐ APP. ☐

SERIAL No. **G-97-338-90**

YEAR BUILT **1993**

NOM DIA **17.25** FT. NOM CAP **1000** BBL

NOM HT **24.0** FT. SHELL THK **1/4-3/16** IN.

BTM THK **1/4** IN. SHELL MATL **A-36 OR EQ**

DECK THK **1/4** IN. BTM TYPE **FLAT**

S.G. **1.0** D.P. **6** OZ.

D.M.T. **17.0** °F S.R. **NO**

D.L.L. **24.0** FT. EQUIP No **N/A**

SERVICE **17.0**

GLM INT. PROCEDURE 770-2

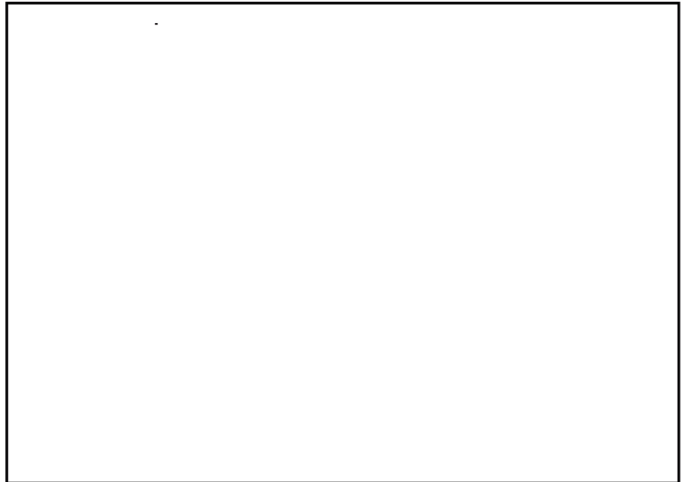
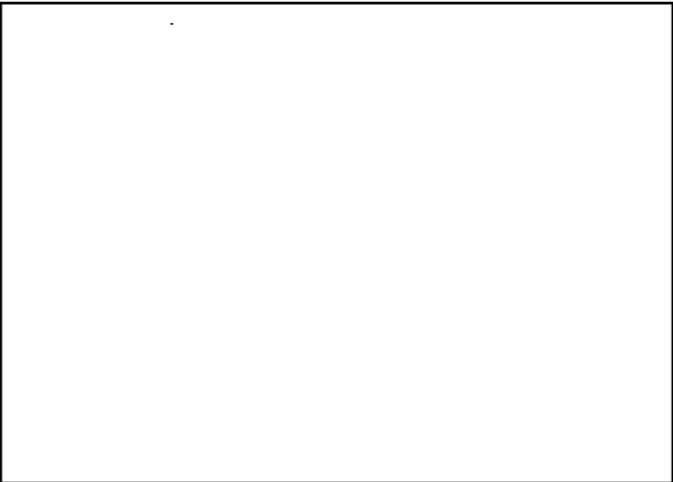


OWNER: CNRL
EQUIPMENT NAME: TANK
REGISTRATION # C81068
EQUIPMENT # C81068

SERIAL # G-97-338-90
NB#
OWNER ID

NOTES

PAGE 1 / 2



OWNER: CNRL
EQUIPMENT NAME: TANK
REGISTRATION # C81068
EQUIPMENT # C81068

SERIAL # G-97-338-90
NB#
OWNER ID

NOTES

PAGE 2 / 2