Equipment #:66164107 Description: Tank Serial# 2374

Location: 07-34-44-28W3

Notification #:

Inspection Date: 2010.08.26

Inspected by: IRIS

INSPECTION SUMMARY: This tank was inspected by IRIS NDT of Lloydminster. Recommendations and Inspection Intervals are the results of interpreting the data IRIS collected (UT readings) and comments made. Generally the tank is considered to be in fair condition and suitable for continued service.

RECOMMENDATION: Continue UT thickness survey at next scheduled inspection.

REPAIRS COMPLETED:

NONCOMPLIANCES:

EXTERNAL INSPECTION: The tanks external surfaces were visually inspected and found to be in fair condition. The insulation appeared to be in good condition. The tank ladder was in good condition and meets OH&S regulations.

## **EXTERNAL NDE:**

INTERNAL INSPECTION: Generally the internal surfaces and components of the tank appeared to be in fair condition.

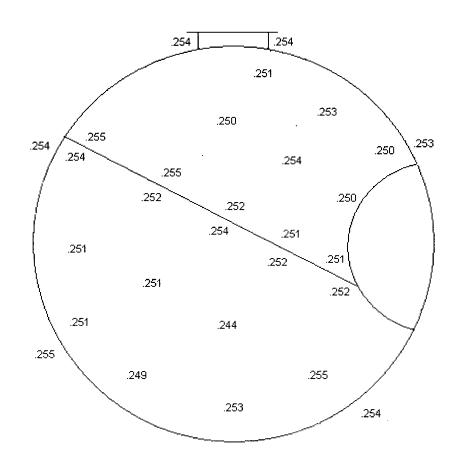
INTERNAL NDE: Random locations of the tank's floor and lower shell were UT thickness tested with some minor metal loss identified. See attached sketch for thicknesses found and approximate locations of tests.

INSPECTION INTERVAL: The inspection interval can be set at Seven years (84 months) provided all requirements of Directive 55/S-01 are met and maintained.

Approved By: Ray Trachuk May Machuk Date: 2010-12-07

CC: Gary McKay

LOCATION 07-34-44-28V	<del>/3</del> DATE	2010.08.26	MFG	Wilco
YEAR 2003 S/N_		CAP10		CC <u>25450</u>
FLOOR THK1/4"	_ SHELL THK	1/4" 3/16"	_ ROOF THK	3/16"
SAP# 66164107	Notification .			



ANT LAWD (SW)
TANK INSPECTION REPORT

· Pg # 30 f3

Requisitioned by: Kin B Work Order: 27-0560342.  LOCATION 7A-34-442803 DATE 210-A-10 TANK TYPE Sclos and CMFG 100 YEAR 7003 S/N 2 574 CAP 1000 BBL AFE/CC 254 FLOOR THK. 1/4 SHELL THK. 1/4 × 3/1/4 ROOF THK. 1/6 SAP# COLOMBIA POOR ROOF THK. 1/6 EXTERNAL SURFACE INSULATION: GOOD FAIR POOR LINER/CONTAINMENT: GOOD FAIR POOR LINER/CONTAINMENT: YES NO GROUND CABLE: YES LADDER/STAIRS: GOOD FAIR POOR PLATFORM GOOD FAIR POOR PLATFORM
LOCATION 7A-34-44-2805 DATE 26-Ag-10 TANK TYPE Solve of carle.  MFG 10 10 YEAR 7003 S/N 2 3 7 4 CAP 1000 BBL AFE/CC 254  FLOOR THK. 1/4 SHELL THK. 1/4 K 3/1/4 ROOF THK. 1/6  SAP# 600D FAIR POOR  CLADDING: GOOD FAIR POOR  LINER/CONTAINMENT: GOOD FAIR POOR  LINER/CONTAINMENT: YES NO  GROUND CABLE: YES NO  LADDER/STAIRS: GOOD FAIR POOR
MFG VICE YEAR 7003 S/N 2 3 7 4 CAP 1000 BBL AFE/CC 254 FLOOR THK. // SHELL THK. // K 3// C ROOF THK. // C SAP# COLON TAIN FACE INSULATION: GOOD FAIR POOR CLADDING: GOOD FAIR POOR LINER/CONTAINMENT: YES NO GROUND CABLE: YES NO LADDER/STAIRS: GOOD FAIR POOR
FLOOR THK.  SHELL THK.  SAP#  EXTERNAL SURFACE INSULATION: CLADDING: BASE/LAND SCAPING: LINER/CONTAINMENT: GROUND CABLE: LADDER/STAIRS:  GOOD FAIR POOR  FOR MARKET POOR
EXTERNAL SURFACE INSULATION: CLADDING: BASE/LAND SCAPING: LINER/CONTAINMENT: GROUND CABLE: LADDER/STAIRS: GOOD FAIR POOR  VES NO POOR  FOR POOR  FAIR POOR  FOR POOR  FOR POOR  FOR POOR  FAIR POOR  FOR POOR  FOR POOR  FOR POOR  FOR POOR
EXTERNAL SURFACE INSULATION: CLADDING: BASE/LAND SCAPING: CINER/CONTAINMENT: GROUND CABLE: LADDER/STAIRS: GOOD FAIR POOR  WITH POOR  FOR MICH.  FAIR POOR  FOR MICH.  FOR MICH.  FOR MICH.  FAIR POOR  FAIR POOR  FAIR POOR  FOR MICH.  FOR MICH.
INSULATION:  CLADDING:  BASE/LAND SCAPING:  LINER/CONTAINMENT:  GROUND CABLE:  LADDER/STAIRS:  GOOD FAIR POOR
BASE/LAND SCAPING: GOOD FAIR POOR LINER/CONTAINMENT: YES NO GROUND CABLE: YES NO LADDER/STAIRS: GOOD FAIR POOR
LINER/CONTAINMENT: GROUND CABLE: LADDER/STAIRS: GOOD FAIR POOR  VES NO LADDER/STAIRS: GOOD FAIR POOR
GROUND CABLE:  YES  O  LADDER/STAIRS:  GOOD FAIR POOR
LADDER/STAIRS: GOOD FAIR POOR
PLATFORM GOOD FAIR POOR
PIPING ALIGNMENT: GOOD FAIR POOR
SHELL: GOOD FAIR POOR ENVIROVAULT: SES NO CONDITION: 9 GOOD laure Syrades
ROOF: GOOD FAIR POOR
PAINT: GOOD FAIR POOR
FIRETUBE:  INTERNAL CONDITION: GOOD BOWED OVALLED FLANGE (LEAKING) Yes No RATING: 0-35
INTERNAL SURFACE:
FLOOR CONDITION: GOOD FAIR POOR
SHELL CONDTION: GOOD FAIR POOR_
ROOF CONDITION: GOOD FAIR POOR
FIRETUBE: GOOD FAIR POOR PIPING/NOZZLE CONDITION: GOOD FAIR POOR
PIPING/NOZZLE CONDITION: GOOD FAIR POOR  BACKWELDING REQ: YES WHERE
ANODES: Yes No Total BLOCK CYLINDRICAL CONSUMED
COATING: Yes No GOODFAIRPOORTYPE:
254 254
NOTES:
12 N. V.
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No 2 No No
E Sylvan
CONTACT:
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## **NONDESTRUCTIVE INSPECTION REPORT**

VT-146410-04

Page 1 of 3

Type of Inspection: Visual and UT	Job/P.O.#: WO#25012620	) IRISNDT #:	146410 Date:	26-Aug-10					
Test Technique: Thickness 0 deg	Client: Husky Energy Opera								
Equipment:	Location: Marsden, Sask								
DMS II, Flashlight , Grinder	Item Inspected: 2-1000 bbl			<del></del>					
Sillo II, Fidoling III, Gillian	Code: API 653	tains							
	Code: API 653								
Appr: Gary Mckay Requisitioner: Kim B									
Appr# 2Z- 0560342 PO# 8400171092									
A visual and UT examination was carried out on 2-1000 bbl tank at the following location									
LSD: 7A-34-44-28W3M									
See the Following Pages for results									
·									
	•								
Unit#: 304 Kilometers: 70 Consumable	s:	Interpretation by: Tristan Sommerfeld	CMT.T	2.44					
In: 1030 Out: 1230 Hrs: 2.0 Min In: Out: Hrs:		(Print)	SNT-TI C.G.S.I C.G.S.I	3. (Level)					
Personnel: Tristan Sommerfeld Jordan Ross		(Signature) Client Representative: (Print) I am in full agreement with report contents (Sign)	Ray Traghuk	lat					