

TANK INSPECTION REPORT

Sequence Number	20210008
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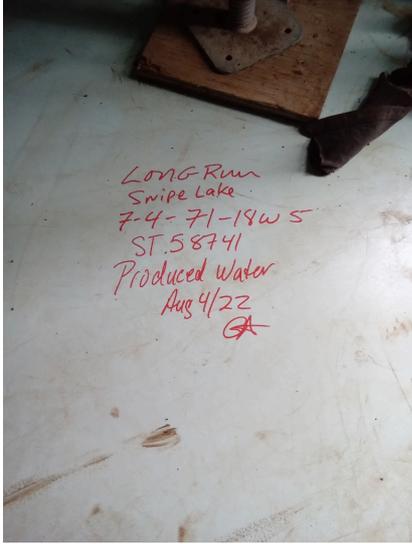
TANK SELECTOR

TANK TAG ID# SELECTOR	ST58741
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COVER PAGE DATA

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NAMEPLATE IMAGE	
NAMEPLATE IMAGE	

TANK INSPECTION REPORT

LEASE IMAGE	
NDE BY:	
EQUIPMENT NUMBER	

GENERAL INFORMATION

INSPECTION DATE	2022-08-04
TAG NUMBER	ST58741

LOCATION DETAILS

INSPECTION TYPE	
UNIT ID	
PLANT ID	
SURFACE LOCATION	07-04-071-18W5
UWID	
SERVICE	
DISTRICT	
FIELD	SNIPE LAKE
PACKAGE NUMBER	H2O TANK FARM

TANK DETAILS

TANK TYPE	AST - PRODUCED WATER
DESIGN STANDARD	
DESIGN PRESSURE	
MANUFACTURER	GLM
SERIAL NUMBER	J-05-029-1
YEAR BUILT	2005
YEAR INSTALLED	

TANK INSPECTION REPORT

DIMENSIONAL

CAPACITY	2000 BBL
DIAMETER	21.5'
HEIGHT	32'
FLOOR THICKNESS	0.25 Inch
SHELL THICKNESS	0.25 Inch
ROOF THICKNESS	0.25 Inch

EXTERNAL INSPECTION - GENERAL

T1 - OTHER (Please Explain In Notes)	NA
Comments	
T2 - CORROSION	
Comments	
T3 - LEAKS	
Comments	
T4 - VIBRATION	
Comments	
T5 - DISSIMILAR FLANGE RATING	
Comments	
T6 - LADDER/STAIRWAY	
Comments	
T7 - PLATFORM	
Comments	
T8 - ELECTRICAL GROUND	
Comments	
T9 - CATHODIC PROTECTION	
Comments	
T10 - PAINTED INACTIVE CORROSION	
Comments	
T11 - COATING / PAINTING	
Comments	
T12 - LEVEL GAUGE	
Comments	

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T13 - BOTTOM	
Comments	
T14 - SECONDARY CONTAINMENT	
Comments	
T15 - SHELL	
Comments	
T16 - ROOF	
Comments	
T17 - AGITATOR	
Comments	

EXTERNAL INSPECTION - SUPPORTS

T31 - OTHER (Please Explain In Notes)	
Comments	
T32 - FOUNDATION	
Comments	
T33 - ANCHOR BOLTS	
Comments	
T34 - WINDGIRDERS	
Comments	

EXTERNAL INSPECTION - CONNECTIONS

T41 - OTHER (Please Explain In Notes)	
Comments	
T42 - SMALL BRANCHES	
Comments	
T43 - NOZZLES	
Comments	
T44 - PIPE MANIFOLDS	
Comments	
T45 - SWING LINES	
Comments	
T46 - MANWAYS / HATCHES	
Comments	

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T47 - REINFORCING PADS	
Comments	
T48 - INADEQUATE THREAD ENGAGEMENT	
Comments	
T49 - BOLTING	
Comments	
T50 - FLANGES	
Comments	

EXTERNAL INSPECTION - INSULATION

T61 - OTHER (Please Explain In Notes)	
Comments	
T62 - DAMAGE	
Comments	
T63 - PENETRATIONS	
Comments	
T64 - JACKET	
Comments	
T65 - BANDING	
Comments	
T66 - SEALS / JOINTS	
Comments	

EXTERNAL IMAGES

EXTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL INSPECTION

OPEN INTERNAL INSPECTION	Yes
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INTERNAL INSPECTION - GENERAL T1-T11

T1 - OTHER (Please Explain In Notes)	YES, SEE NOTE
Comments	Tank was isolated, drained, opened, cleaned and vented for internal inspection. Scaffolding was installed to access the roof internals. Tank is 100% internally coated.
T2 - CORROSION	YES
Comments	A number of coating areas have failed and the parent material has corroded at some of the coating holidays.

TANK INSPECTION REPORT

T3 - ERROSION	NA
Comments	
T4 - DISTORTION	NA
Comments	
T5 - BLISTERS	NA
Comments	
T6 - DEPOSITS	NA
Comments	
T7 -WELDS	NA
Comments	
T8 - NOZZLES	YES
Comments	Clean and clear.
T9 -SHELL	YES, SEE NOTE
Comments	Coating holidays on 2nd and 3rd course from bottom and 2nd course from top. Pitting on 2nd course from top measured 0.090" deep. Areas to be bristle blasted and re-coated, Refer to pictures attached for location of coating failure and pitting.
T10 - ROOF	YES, GOOD
Comments	
T11 - FLOOR	YES, SEE NOTE
Comments	Some coating holidays requiring repair were found on the floor, see pictures for location of coating failure.

INTERNAL INSPECTION - GENERAL T21-T30

OTHER - FIRETUBE	NA
Comments	
HEATING COIL	NA
Comments	
T21 - OTHER - ANODES	YES
Comments	Anodes were completely consumed and will need replacing.
T22 - ANNULAR RING	GOOD
Comments	
T23 - SUMP	NA
Comments	
T24 -ROOF SUPPORT	GOOD, YES
Comments	
T25 - THERMOWELLS	YES, GOOD
Comments	

TANK INSPECTION REPORT

T26 - METALLIC LININGS	NA
Comments	
T27 - NON METALLIC LININGS	NA
Comments	
T28 - INTERNAL STEAM COIL / OTHER PIPING	YES, GOOD
Comments	
T29 - LEVEL GAUGE	YES, GOOD
Comments	
T30 - OTHER WELDED ATTACHMENTS	YES, GOOD
Comments	
BACKWELDING REQUIRED	NA
Comments	

INTERNAL IMAGES

INTERNAL IMAGE	
IMAGE COMMENT	Roof top vent nozzle.

INTERNAL IMAGES (1)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (2)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (3)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (4)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (5)

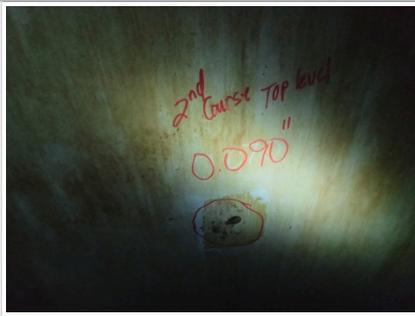
TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (6)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (7)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (8)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (9)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (10)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (11)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (12)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (13)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (14)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (15)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (16)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (17)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (18)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (19)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INSPECTION COMMENTS

COMMENTS	
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FIELD INSPECTOR SIGN OFF

INSPECTED BY	E. Glenn Allen
API CERTIFICATION	26089
INSPECTED BY SIGNATURE	
INSPECTION DATE	2022-08-04