

TANK INSPECTION REPORT

Sequence Number	20210066
-----------------	----------

TANK SELECTOR

TANK TAG ID# SELECTOR	ST58740
-----------------------	---------

COVER PAGE DATA

COVER PAGE PHOTO	
NAMEPLATE IMAGE	
NAMEPLATE IMAGE	
LEASE IMAGE	
NDE BY:	
EQUIPMENT NUMBER	

GENERAL INFORMATION

INSPECTION DATE	2023-09-23
-----------------	------------

TANK INSPECTION REPORT

TAG NUMBER	ST58740
------------	---------

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-05-029-3
YEAR BUILT	2005
YEAR INSTALLED	

DIMENSIONAL

CAPACITY	2000 BBL
DIAMETER	
HEIGHT	
FLOOR THICKNESS	0.25 Inch
SHELL THICKNESS	0.25 Inch
ROOF THICKNESS	0.25 Inch

EXTERNAL INSPECTION - GENERAL

T1 - OTHER (Please Explain In Notes)	GOOD
Comments	
T2 - CORROSION	NA
Comments	
T3 - LEAKS	NA
Comments	

TANK INSPECTION REPORT

T4 - VIBRATION	NA
Comments	
T5 - DISSIMILAR FLANGE RATING	NA
Comments	
T6 - LADDER/STAIRWAY	GOOD, YES
Comments	
T7 - PLATFORM	YES, GOOD
Comments	
T8 - ELECTRICAL GROUND	YES, GOOD
Comments	
T9 - CATHODIC PROTECTION	GOOD
Comments	
T10 - PAINTED INACTIVE CORROSION	NA
Comments	
T11 - COATING / PAINTING	NA
Comments	
T12 - LEVEL GAUGE	YES, GOOD
Comments	
T13 - BOTTOM	YES, GOOD
Comments	
T14 - SECONDARY CONTAINMENT	YES, GOOD
Comments	
T15 - SHELL	YES, GOOD
Comments	
T16 - ROOF	YES, GOOD
Comments	
T17 - AGITATOR	NA
Comments	

EXTERNAL INSPECTION - SUPPORTS

T31 - OTHER (Please Explain In Notes)	NA
Comments	
T32 - FOUNDATION	GOOD, YES

TANK INSPECTION REPORT

Comments	
T33 - ANCHOR BOLTS	GOOD, YES
Comments	
T34 - WINDGIRDERS	NA
Comments	

EXTERNAL INSPECTION - CONNECTIONS

T41 - OTHER (Please Explain In Notes)	YES, GOOD
Comments	
T42 - SMALL BRANCHES	YES, GOOD
Comments	
T43 - NOZZLES	YES, GOOD
Comments	
T44 - PIPE MANIFOLDS	NA
Comments	
T45 - SWING LINES	NA
Comments	
T46 - MANWAYS / HATCHES	YES, GOOD
Comments	
T47 - REINFORCING PADS	NA
Comments	
T48 - INADEQUATE THREAD ENGAGEMENT	GOOD
Comments	
T49 - BOLTING	YES, GOOD
Comments	
T50 - FLANGES	YES, GOOD
Comments	

EXTERNAL INSPECTION - INSULATION

T61 - OTHER (Please Explain In Notes)	YES, GOOD
Comments	
T62 - DAMAGE	NA
Comments	
T63 - PENETRATIONS	NA

TANK INSPECTION REPORT

Comments	
T64 - JACKET	GOOD, YES
Comments	
T65 - BANDING	YES, GOOD
Comments	
T66 - SEALS / JOINTS	YES, GOOD
Comments	

EXTERNAL IMAGES

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (1)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (2)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (3)

TANK INSPECTION REPORT

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (4)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (5)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (6)

TANK INSPECTION REPORT

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (7)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (8)

EXTERNAL IMAGE	
IMAGE COMMENT	

EXTERNAL IMAGES (9)

TANK INSPECTION REPORT

EXTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL INSPECTION

OPEN INTERNAL INSPECTION	Yes
---------------------------------	-----

INTERNAL INSPECTION - GENERAL T1-T11

T1 - OTHER (Please Explain In Notes)	GOOD
Comments	
T2 - CORROSION	NA
Comments	
T3 - ERROSION	NA
Comments	
T4 - DISTORTION	NA
Comments	
T5 - BLISTERS	NA
Comments	
T6 - DEPOSITS	NA
Comments	
T7 - WELDS	NA
Comments	
T8 - NOZZLES	GOOD, YES
Comments	
T9 - SHELL	YES, GOOD
Comments	

TANK INSPECTION REPORT

T10 - ROOF	YES, GOOD
Comments	
T11 - FLOOR	YES, GOOD
Comments	

INTERNAL INSPECTION - GENERAL T21-T30

OTHER - FIRETUBE	GOOD
Comments	
HEATING COIL	NA
Comments	
T21 - OTHER - ANODES	YES, GOOD
Comments	
T22 - ANNULAR RING	YES, GOOD
Comments	
T23 - SUMP	NA
Comments	
T24 -ROOF SUPPORT	YES, GOOD
Comments	
T25 - THERMOWELLS	YES, GOOD
Comments	
T26 - METALLIC LININGS	NA
Comments	
T27 - NON METALLIC LININGS	YES, GOOD
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

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (1)

INTERNAL IMAGE	
IMAGE COMMENT	Coating holiday, anode has bonded to shell surface.

INTERNAL IMAGES (2)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (3)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	Pitting under coating holiday.

INTERNAL IMAGES (4)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (5)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (6)

INTERNAL IMAGE	
IMAGE COMMENT	Holidays recoated.

INTERNAL IMAGES (7)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	Typical holiday coating.

INTERNAL IMAGES (8)

INTERNAL IMAGE	
IMAGE COMMENT	Coating repair around floor to shell weld.

INTERNAL IMAGES (9)

INTERNAL IMAGE	
IMAGE COMMENT	Typical coating repair on shell.

INTERNAL IMAGES (10)

TANK INSPECTION REPORT

INTERNAL IMAGE	
IMAGE COMMENT	Various coating repairs on floor and along floor to shell weld.

INTERNAL IMAGES (11)

INTERNAL IMAGE	
IMAGE COMMENT	

INTERNAL IMAGES (12)

INTERNAL IMAGE	
IMAGE COMMENT	

INSPECTION COMMENTS

COMMENTS	Tank had numerous coating failures on shell and floor. All areas were cleaned and recoated after sand blasting. Anodes were nearly 100% consumed and were all replaced in kind. No other issues noted at time of inspection. Tank is fit for service.
----------	---

FIELD INSPECTOR SIGN OFF

INSPECTED BY	E. Glenn Allen
API CERTIFICATION	API 510 #26089

TANK INSPECTION REPORT

INSPECTED BY SIGNATURE	
INSPECTION DATE	2023-09-23