

TANK NUMBER	TYPE OF TANK	YEAR BUILT	ROOF TYPE	ACTUAL CAPACITY	TANK DIAMETER	TANK HEIGHT/LENGTH	PRODUCT	LAST EXTERNAL INSPEC.	INSPEC. INTERVAL (YEARS)	NEXT EXTERNAL INSPEC.	Next Shell UT Inspection	LAST INTERNAL INSPEC.	INSPEC. INTERVAL (YEARS)	NEXT INTERNAL INSPEC.	COMMENTS
MKT-TK-01	VERT. STEEL	1965	CFRT	3,000	30'-0"	24'-0"	ULSD	Dec-14	5	Dec-19	Dec-25	Feb-06	0.5	Sep-06	
MKT-TK-02	VERT. STEEL	1965	IFRT	4,000	30'-0"	32'-0"	83 OCTANE	Dec-14	5	Dec-19	Apr-23	May-08	10	May-18	
MKT-TK-03	VERT. STEEL	1965	IFRT	4,000	30'-0"	32'-0"	89 OCTANE	Dec-14	5	Dec-19	Nov-25	Aug-13	12	Aug-25	NNP; Dome fixed roof. 7/2005: new vapor seal (primary only). 8/2013: internal inspection with MFE no indications found, new internal coating (add 2 years to next internal inspection); records indicate that a new seal was installed by TANCO.
MKT-TK-04	VERT. STEEL	1970	IFRT	3,800	30'-0"	32'-0"	83 OCTANE	Dec-14	5	Dec-19	Jul-23	Aug-08	12	Aug-20	Dome fixed roof. 9/2008: new mechanical shoe seal (primary only). 9/2008: new internal coating Phenicon HS tested per NACE, extends internal inspection 2 years
MKT-TK-05	VERT. STEEL	1963	CFRT	1,800	25'-0"	28'-0"	ETHANOL	Dec-14	5	Dec-19	Aug-24	Sep-09	12	Aug-21	NNP; 10/2009: repairs by SunFab, internally coated with Phenicon HS tested per NACE, new external coating on lower shell course, added radar gauge, new cleanout MW
MKT-TK-06	VERT. STEEL	1963	IFRT	1,800	21'-6"	28'-0"	ETHANOL	Oct-14	5	Oct-19	Oct-29	Oct-14	19.5	Apr-34	Repairs and new internal roof made in 1998; 2014 repairs-roof nozzle gaskets changed on internal roof penetrations, bearing pad installed under center column, repairs to secondary wiper seal, refoated roof to ensure it would not get stuck
MKT-TK-07	VERT. STEEL	2011	IFRT	91392 g	24'-0"	32'-0"	EMPTY TANK		5	5 yrs after initial service	5 yrs after initial service		25 or 20	Pending initial service date	Hydrotested in April 2012. Never been in service as of 11/2014. Dome fixed roof. Tank has a double bottom with leak detection, HDPE liner, and cathodic protection. This allows for the next interval to be set 25 years after the tank goes into service, but CP system must be maintained and inspected per API 651 in order to use 2040 as the next inspection interval date. All inspection intervals to be set from the date the tank goes into service.
MKT-TK-08	VERT. STEEL	2011	IFRT	91392 g	24'-0"	32'-0"	EMPTY TANK		5	5 yrs after initial service	5 years after initial service		25 or 20	Pending initial service date	Hydrotested in April 2012. Never been in service as of 11/2014. Dome fixed roof. Tank has a double bottom with leak detection, HDPE liner, and cathodic protection. This allows for the next interval to be set 25 years after the tank goes into service, but CP system must be maintained and inspected per API 651 in order to use 2040 as the next inspection interval date. All inspection intervals to be set from the date the tank goes into service.
MKT-TK-09	HORIZONTAL	1998	FLATHEAD	12,000 g	7'-11"	32'-0"	BIODIESEL	NO DATA	1	Jan-99	Jan-13	NO DATA		See STI Code	Horizontal Tank-Double W all containment (TK-1); Category 1 tank per STI SP001, follow inspection schedule from this standard;
MKT-TK-10	HORIZONTAL	1998	FLATHEAD	12,000 g	7'-11"	32'-0"	BIODIESEL	NO DATA	1	Jan-99	Jan-13	NO DATA		See STI Code	Horizontal Tank-Double W all containment (TK-2); Category 1 tank per STI SP001, follow inspection schedule from this standard;
Q-T2	VERT. STEEL	1956	FRT	149	10'-0"	8'-0"	CAUSTIC MIX (NaOH)	Dec-13	5	Dec-18	Dec-18	NO DATA	10	ASAP	NNP; no record of any internal inspection; see Ultrapipe for UT data; manway present, inside concrete containment with sewer drain
Q-T3.1	VERT. STEEL	2012	FRT	210	10'-0"	15'-0"	CAUSTIC (50%)	Jul-13	2.6	Feb-16	Feb-16	Jul-13	10	Jul-23	Repairs made in 7/2013, new stainless steel heating coils; replaced Q-T3; see Ultrapipe for UT readings; inside concrete containment
Q-T6	VERT. STEEL	1969	FRT	18	5'-0"	4'-3/4"	NIS (CAUSTIC (NaOH <50%))		5	ASAP	ASAP	NO DATA	10	ASAP	NNP. Caustic mix tank for Kero Merox Reactor Vessel Recharge; no inspection history on record; manway present, inside a concrete containment with a sewer drain
Q-T8	VERT. STEEL	1963	FRT	149	10'-0"	8'-0"	CAUSTIC (NaOH)	May-10	5	May-15	May-15		10	ASAP	
SR-T10	PLASTIC	1993	FRT	775 g	4'-0"	8'-10"	NIS	NO DATA	1	Mar-94		NO DATA		See STI Code	Fiberglass Tank. Old XUS 43850 (CA299) Chemical tank; product store was Unit chelate deinventory storage. Code: ASME/ANSI Standard RTP-1, ASTM D-3299, or D-4097; no manway, inside a concrete containment with sewer drain
SR-T4	PLASTIC	1992	FRT	4000 g	10'-4"	7'-1"	IRON CHELATE	Apr-10	1	Apr-11		NO DATA		See STI Code	Fiberglass Tank. Iron Chelate Solution Surge Tank; specific gravity 1.3; no manway; inside a concrete containment with sewer drain
SR-T5	PLASTIC	1992	FRT	3000 g	6'-0"	15'-2"	IC-110 STORAGE	May-10	1	May-11		NO DATA		See STI Code	Fiberglass Tank; no manway; inside a concrete containment with sewer drain
SR-T6	PLASTIC	1992	FRT	3000 g	6'-0"	15'-2"	IC-210 STORAGE	May-10	1	May-11		NO DATA		See STI Code	Fiberglass Tank; no manway; inside a concrete containment with sewer drain
SR-T7	PLASTIC	1993	FRT	110 g	2'-6"	4'-6"	CAUSTIC DAY STORAGE	May-10	1	May-11		NO DATA		See STI Code	NNP; Polyethylene tank; no manway; inside a concrete containment with sewer drain
SR-T8	PLASTIC	1993	FRT	775 g	4'-0"	8'-10"	NIS	NO DATA	1	Feb-94		NO DATA		See STI Code	Plastic Tank. Old CA100 chemical tank. Material: derakane 411; no inspection history; no manway; inside a concrete containment with sewer drain
SR-T9	PLASTIC	1993	FRT	775 g	4'-0"	8'-10"	NIS	NO DATA	1	Feb-94		NO DATA		See STI Code	Plastic Tank. Old CA200 (2102) chemical tank. Material: derakane 411; no inspection history; no manway; inside a concrete containment with sewer drain
S-T1	HORIZONTAL		FLATHEAD	18	4'-0"	6'-4"	ETHYLENE GLYCOL/WATER	Oct-10	4.8	Aug-15	Aug-15	NO DATA	10	See STI Code	SATS Unit. 50/50 (antifreeze); see Ultrapipe for UT data; shell heads damaged and never repaired; manway present; concrete containment present with sewer drain
SW S-TK1	VERT. STEEL	2006	IFRT	1,000	15'-6"	30'-0"	SOUR WATER FEED	Dec-14	1	Dec-15	Dec-29	Aug-06	10	Aug-16	SW AATS AREA; insulated; records indicate that an internal roof was installed; MANDATORY annual external inspection required
TK-1001	HORIZONTAL		FLATHEAD	3,000 g	5'-4"	18'-0"	DIESEL	Jun-10	5	Jun-15	Jun-15	NO DATA		See STI Code	NNP; for Western consumption; NO MANWAY, no containment, on skid plate; Category 3 tank per STI SP001 code
TK-1002	HORIZONTAL		FLATHEAD	3,000 g	5'-4"	18'-0"	GASOLINE	Jun-10	5	Jun-15	Jun-10	NO DATA		See STI Code	NNP; for Western consumption; NO MANWAY, no containment; Category 3 tank per STI SP001 code
TK-1003	HORIZONTAL		FLATHEAD	2,300 g	5'-9"	12'-3 1/2"	DIESEL POUR POINT ADD.	Jun-10	5	Jun-15	Jun-15	NO DATA		See STI Code	insulated; no manway, on skids, inside a concrete containment which has a drain routed to the oily water sewer; Category 1 tank per STI SP001 code
TK-1004	HORIZONTAL		FLATHEAD	4,000 g	7'-0"	14'-0"	DIESEL LUBRICITY	Jun-10	5	Jun-15	Jun-15	NO DATA		See STI Code	insulated; 18" manway present, on skids, inside a concrete containment with a drain valve; Category 1 tank per STI SP001 code
TK-101	VERT. STEEL	1957	IFRT	80,000	110'-0"	48'-0"	CRUDE	Aug-14	5	Aug-19	Mar-28	May-06	10	May-16	2019 Inspection: take UT's on shell
TK-102	VERT. STEEL	1991	EFRT	80,000	110'-0"	51'-0"	CRUDE	Aug-14	2.4	Jan-17	May-19	Jun-05	10	Jun-15	NNP
TK-105	VERT. STEEL	2001	CFRT	400	12'-0"	20'-0"	SLOP	Dec-10	5	Dec-15		Jun-01	10	Jun-11	API 12F; previously labeled Tank 157; Due for internal inspection in 2015
TK-106	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	DISTILLATE	Nov-14	5	Dec-19	Nov-29	Nov-14	22	Nov-36	1/2010 repairs: change of service to Sour Naphtha, new 6" and 8" nozzle with shell insert, new external Phenicon coating on shell and roof, new 8" roof nozzle for radar gauge, and tank was hydrotested. 11/2014: Internal inspection with MFE, by ITI, no indications found or leaks; MFE repair threshold was set for a 20 year inspection interval; new internal Phenicon epoxy coating, added 2 years to next inspection interval because of new internal coating.
TK-107	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	SLOP	Nov-14	5	Nov-19	Nov-29	Feb-02	12	Feb-14	2002: last internal inspection with MFE by Conam, no indications found. 2004: repairs performed were new bottom annular ring, new 1st course 30" height, new 24" sump, part of the top shell replaced (32' x 8') north side, new 24" MW with mixer, new roof plates and rafters, new external coating Macropoxy/Acrolon, and new internal coating Phenicon HS epoxy Novolac. New internal coating adds 2 yrs to next internal inspection.
TK-108	VERT. STEEL	1957	IFRT	5,000	33'-6"	32'-0"	SLOP	Nov-14	1.6	Jun-16	Jan-18	May-11	12	May-23	2001: repairs by TANCO, new internal steel roof, gauge pole/ladder, primary/secondary seals, (2) overflows. 5/2011: last internal inspection with MFE, new internal coating Phenicon, and new external coating. Take shell UT's at the June 2016 inspection.
TK-111	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	ULSD RUNDOWN N	Dec-14	5	Dec-19	Dec-29	May-06	10	May-16	2000: internal inspection, MFE found indication and repairs were made; new internal coating. 2006: BLD performed MFE
TK-112	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	ULSD RUNDOWN N	Dec-14	5	Dec-19	Dec-29	Mar-06	12	Mar-18	2006: internal inspection with MFE, no indications found, new internal coating and roof repairs. New coating adds 2 year to next internal inspection
TK-115	VERT. STEEL	2008	CFRT	5,000	33'-6"	32'-0"	ULSD RUNDOWN N	Dec-14	5	Dec-19	Dec-29	NO DATA	22	Jan-30	2008: new tank built as a double bottom over the existing tank bottom, HDPE liner with sand, sacrificial anodes installed inside tank, internal Phenicon HS coating, external coating. Double bottom secondary containment adds 10 year, plus 2 years for internal coating, plus the 10 years for the initial inspection=next internal interval 22 years.
TK-116	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	ULSD RUNDOWN N	Dec-14	5	Dec-19	Dec-29	Mar-06	5	May-11	3/2006: MFE by BLD- no indications found, new first shell course, relieved tank, 1/3 of roof replaced, replaced center column, new bottom sump, new internal/external coating. Thomas D'Souza and Tim Evans set the next internal inspection for May 2011, per the report (does not give a reason)
TK-225	VERT. STEEL	1957	CFRT	25,000	67'-0"	39'-8"	SOUR NAPHTHA	Sep-14	5	Sep-19	Sep-29	JUN-'06	22	Jun-28	2006: new 3/16" roof, new double bottom with HDPE liner, leak detection, sand, and coating
TK-226	VERT. STEEL	1957	CFRT	25,000	67'-0"	39'-8"	KERSENE	Sep-14	5	Sep-19	Sep-29	JUN-'06	22	Jun-28	2006: new double bottom with HDPE liner, leak detection, and coating
TK-227	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	ULSD	Oct-14	3.4	Mar-18	Aug-21	Oct-14	19	Oct-33	

TK-228	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	DISTILLATE	14-Oct	5	Oct-19	Oct-29	Nov-08	12	Nov-20	2009 repairs: new internal liner, external coating, minor repairs on floor, 8" roof nozzle, new sump and swing line
TK-231	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	TRANSMIX	Nov-14	5	Nov-19	Nov-29	May-94	10	May-04	
TK-232	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	TRANSMIX	Nov-14	5	Nov-19	Nov-29	Dec-93	10	Dec-03	No record of a formal internal inspection. 1991: added pontoons to the suction line and (3) new sample nozzles on shell 1994: new internal coating Phenolic Epoxy
TK-235	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	SOUR NAPHTHA	Dec-14	5	Dec-19	Dec-29	Mar-11	12	Mar-23	2011: MFE found no indications greater than 0.04", new 8" roof nozzle for radar, new internal/external coating. Internal coating add 2 years to next internal inspection.
TK-337	VERT. STEEL	1977	IFRT	20,000	60'-0"	42'-0"	SOUR NAPHTHA	Dec-14	5	Dec-19	Dec-29	Jan-00	12	Jan-12	1990: new 1/4" floor installed; 2000: internal inspection with MFE, new internal steel roof with primary/secondary seals, repaired hole in bottom, new internal coating add 2 years to next internal inspection
TK-338	VERT. STEEL	1964	CFRT	25,000	67'-0"	40'-0"	SW EET NAPHTHA	Dec-14	5	Dec-19	Dec-29	DEC-'83	10	Dec-93	
TK-339	VERT. STEEL	1957	CFRT	25,000	67'-0"	40'-0"	SOUR NAPHTHA	AUG-'06	5	Aug-11	Aug-11	AUG-'06	10	AUG-'16	Scheduled for internal inspection early 2015
TK-342	VERT. STEEL	1957	IFRT	5,000	33'-6"	31'-3"	ETHANOL	Nov-14	5	Nov-19	Nov-29	Nov-11	22	Nov-33	2012 Repairs by RMF: new internal steel roof, gauge pole, 8" fixed roof nozzle, shell vents and overflow, new 8" & 3" shell nozzles, new 1/4" double bottom with leak detection and HDPE liner with concrete and stitch welded on the underside of new bottom, and a new internal liner (7/2012). Next external inspection gives credit for 10 yrs secondary containment + 2 yrs internal liner + 10 yrs next subsequent inspection.
TK-343	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	ETHANOL	Nov-14	5	Nov-19	Nov-29	Apr-08	12	Apr-20	2008: was the last internal inspection with MFE, no indications found. A new internal liner was installed, adds 2 years till next internal inspection.
TK-344.1	VERT. STEEL	2014	EFRT	20,000	60'-0"	48'-0"	REFORMATE/SOUR NAPHTHA	Dec-14	5	Dec-19	Dec-19	May-12	22	Dec-36	Original tank built in 1977, this tank was demo-ed. New tank built with double bottom (secondary containment) and internal liner. 10 year initial + 10 year for secondary containment + 2 years internal liner= 22 years to initial internal inspection
TK-345	VERT. STEEL	1977	IFRT	20,000	60'-0"	42'-0"	REFORMATE	Dec-14	5	Dec-19	Dec-29	May-10	12	May-22	2010: new wiper seal for internal roof, new internal liner adds 2 years to next inspection date; 2000: new internal steel roof
TK-562	VERT. STEEL	1986	ELLIPSOID	20,000	60'-0"	46'-6"	ALKYLATE	Dec-10	5	Dec-15	Dec-15	Dec-10	10	Dec-20	2010: Change of service to Alky; 12/2010: internal/external inspection by ITI, no MFE only bottom UT's taken, which were good, new internal coating. NOTE: In 2009 ITI contracted a 3rd party engineering firm to determine structural t-min" calculations per API 620 in order to determine if the UT readings taken at the time of inspection were good compared to those calculated by Pangburn. although they were done specifically for tank 663, the same t-min calculations apply for this tank since they were built to the same standard and dimensions. For all future inspection, use the t-min calculations located in the inspection folder which were generated by Pangburn Engineering.
TK-563	VERT. STEEL	1986	ELLIPSOID	20,000	60'-0"	46'-6"	REFORMATE	Apr-14	5	Apr-19	Dec-15	May-09	10	May-19	5/2009: internal/external inspection by ITI, MFE-no indications found, bottom UT-good, settlement survey-"okay"; 7/2009: new external coating. NOTE: In 2009 ITI contracted a 3rd party engineering firm to determine structural t-min" calculations per API 620 in order to determine if the UT readings taken at the time of inspection were good compared to those calculated by Pangburn. For all future inspection, use the t-min calculations located in the inspection folder which were generated by Pangburn Engineering.
TK-564	VERT. STEEL	1957	HEIMISPH.	5,000	30'-0"	40'-0"	TOLUENE	Jun-12	5	June-17	July-23	Aug-08	10	Aug-18	8/2008: internal/external inspection by ITI, MFE-no indications found; these tanks were built as low pressure tank (API 620)
TK-565	VERT. STEEL	1957	HEIMISPH.	5,000	30'-0"	40'-0"	TOLUENE	Jun-12	5	June-17	Aug-23	Oct-08	10	Oct-18	10/2008: internal/external inspection by ITI, MFE found no indications; these tanks were built as low pressure tank (API 620)
TK-567	VERT. STEEL	1969	EFRT	20,000	60'-0"	40'-0"	SOUR NAPHTHA	Dec-14	5	Dec-19	Dec-29	Feb-06	12	Feb-18	2006: MFE found several indication-repairs made, new roof seals, new internal coating add 2 years to next internal inspection
TK-568	VERT. STEEL	1957	IFRT	2,000	25'-0"	24'-0"	AMMONIUM	Dec-14	5	Dec-19	Dec-29	Feb-06	12	Feb-18	1998: new internal floating roof; 2005: service change to ATS; 2006: new internal coating
TK-569	VERT. STEEL	1957	EFRT	25,000	67'-0"	40'-0"	83.0 UNLD. REG.	Jul-14	5	Jul-19	Aug-26	Jun-10	10	Jun-20	2019 inspection: take UT's on shell
TK-570	VERT. STEEL	1957	EFRT	25,000	67'-0"	40'-0"	89.0 GASOLINE	Jul-14	3	Jul-17	Jun-20	OCT-'95	10	OCT-'05	2017 inspection: take UT's on shell
TK-571	VERT. STEEL	1957	EFRT	25,000	67'-0"	40'-0"	89.0 UNLD REG.	Jul-14	0.8	May-15	Feb-16	JUL-'03	10	JUL-'13	2015 inspection: take UT's on shell
TK-572	VERT. STEEL	1957	EFRT	25,000	67'-0"	40'-0"	89.0 UNLD REG.	Jul-14	2	Jul-16	Jul-18	JUN-'04	10	JUN-'14	2016 inspection: take UT's on shell
TK-574	VERT. STEEL	1968	EFRT	40,000	85'-0"	40'-0"	LIGHT STRAIGHT RUN	Jul-14	5	Jul-19	Jul-29	Jul-14	20	Jul-34	2014: bottom repairs, nozzle weld repairs, new CoFlexip roof drain system with sump; new CoFlexip foam system; new internal coating- Dura Plate UHS with OAP by Riley Industrial
TK-575	VERT. STEEL	1957	CFRT	10,000	42'-6"	40'-0"	LIGHT CYCLE OIL	Aug-14	5	Aug-19	Aug-29	May-08	20	May-28	ITI performed last internal inspection
TK-576	VERT. STEEL	1988	EFRT	40,000	85'-0"	39'-8"	LIGHT CATALYST GASOLINE	Sep-14	5	Sep-19	Sep-29	Apr-12	22 or 27	12/34 or 12/39	3/2012: 1/4" double bottom w/HDPE & CP; 12/2012: internal liner. CP system must be maintained and inspected per API 651 in order to use December 2039 as the next inspection interval.
TK-577	VERT. STEEL	2006	CFRT	10,000	42'-6"	40'-0"	DIESEL	Aug-14	5	Aug-19	Aug-29	AUG-'06	20	Aug-26	Original tank built 1957; new tank built on top of existing original bottom and 4" of shell in 2006. New tank built as a double bottom with leak detection couplings. Sentinel Inspector set the initial internal inspection for 20 years, giving credit for secondary containment (double bottom) with leak detection.
TK-579	VERT. STEEL	1957	CFRT	20,000	60'-0"	40'-0"	DIESEL	Aug-14	3.1	Sep-17	Oct-20	Mar-06	10	Mar-16	Internal MFE in 2006 by BLD
TK-581	VERT. STEEL	1957	IFRT	25,000	67'-0"	40'-0"	LIGHT CYCLE OIL	Aug-14	5	Aug-19	Aug-29	Jun-09	20	Jun-29	2009: new internal coating & MFE scan
TK-582	VERT. STEEL	1957	IFRT	25,000	67'-0"	40'-0"	83 UNLEADED GAS	Aug-14	5	Aug-19	Aug-29	Feb-06	10	Feb-16	Internal MFE in 2006 by BLD
TK-583	VERT. STEEL	1980	IFRT	55,000	100'-0"	40'-0"	DIESEL	Sep-14	5	Sep-19	Apr-27	AUG-'07	10 or 20	9/2016 or 9/2026	Reconstructed in Gallup 1986; possible HDPE liner under tank bottom; no MFE or UT's were done in 2007; the tank has NOT had a formal internal inspection since it was reconstructed in 1996
TK-701	VERT. STEEL	1963	CFRT	37,000	88'-6"	33'-10"	FCC FEED	Dec-10	5	Dec-15	Dec-15	NO DATA	10	ASAP	NNP; no record of internal inspection
TK-703	VERT. STEEL	1963	CFRT	25,000	67'-0"	39'-0"	FCC FEED	Dec-10	5	Dec-15	Dec-15	Nov-00	10	Nov-10	NNP
TK-704	VERT. STEEL	1963	CFRT	10,000	47'-4"	32'-1"	FCC FEED	Dec-10	5	Dec-15	Dec-15	JUL-'88	10	JUL-'98	NNP
TK-705	VERT. STEEL	1963	CFRT	10,000	47'-4"	32'-1"	FUEL OIL	Oct-10	5	Oct-15	Oct-15	Oct-10	10	Oct-20	NNP
TK-706	VERT. STEEL	1963	CFRT	10,000	47'-4"	32'-1"	FUEL OIL	Dec-10	5	Dec-15	Dec-15	NO DATA	10	ASAP	NNP; no record of internal inspection; 12/2014: PENDING FURTHER INSPECTION AND/OR DEMOLITION AND REBUILD
TK-707	VERT. STEEL	1963	CFRT	1,000	26'-8"	17'-7"	HEAVY OIL SLOP	Dec-10	5	Dec-15	ASAP	NO DATA	10	ASAP	NNP; no record of internal inspection
TK-714	VERT. STEEL	1969	CFRT	30,000	73'-4"	40'-0"	FCC FEED	Dec-10	5	Dec-15	Dec-15	NO DATA	10	ASAP	No record of internal inspection.
TK-716	VERT. STEEL	2006	CFRT	1,000	15'-6"	30'-0"	AMMONIUM	Dec-14	5	Dec-19	Dec-29	Aug-06	10	Aug-16	Built by CIP; built to manufacturer standards (non-API); product gravity is 1.3244
TK-901	VERT. STEEL	1978	CFRT	200	10'-0"	17'-0"	CHEVRON ADDITIVE	Jun-10	5	Jun-15	Jun-15	Jun-10	20	Jun-30	NNP; OGAT2040; owned by Chevron; Built to UL 142; next inspections were set by 2010 inspection report by DJA inspection; manway present; inside a concrete containment w/ sewer drain
TK-902	VERT. STEEL	1978	CFRT	200	10'-0"	17'-0"	WESTERN ADDITIVE	NO DATA	5	ASAP	ASAP	NO DATA	10	ASAP	UL#92702; owned by Western; manway present; inside a concrete containment with a sewer drain
TK-903	HORIZONTAL		FLATHEAD	2,000 g	5'-4"	12'-0"	NOT IN SERVICE	Mar-10	5	Mar-15	Mar-15	NO DATA		See STI Code	NNP; 2010 report indicates that the tank is owned by Texaco; manway present; tank is on skids, no containment present; Category 3 tank per STI SP001 code
TK-905	HORIZONTAL		FLATHEAD	10,000 g	8'-0"	27'-2"	NOT IN SERVICE	NO DATA	5	ASAP	ASAP	NO DATA		See STI Code	NNP; labeled "EMPTY"; manway present; on skids; inside a concrete containment; Category 1 tank per STI SP001 code
TK-906	HORIZONTAL		FLATHEAD	6,000 g	8'-0"	16'-1"	EXXON MOBILE ADDITIVE	Mar-10	5	Mar-10	ASAP	NO DATA		See STI Code	NNP; 2010 report indicates that the tank is owned by Exxon; manway present; on skid plate; inside a concrete containment with drain valve; Category 1 tank per STI SP001 code
TK-907	HORIZONTAL		FLATHEAD	1,000 g	4'-0"	11'-1"	NOT IN SERVICE	NO DATA	5	ASAP	ASAP	NO DATA		See STI Code	labeled "EMPTY"; manway present; on skid plate; inside a concrete containment with drain valve; Category 1 tank per STI SP001 code
TK-909	HORIZONTAL		FLATHEAD	580 g	4'-1"	6'-0"	POWER SERVICE DSL ADD.	NO DATA	5	ASAP	ASAP	NO DATA		See STI Code	UL#756256; owned by Western; no manway; on skid plate; double wall containment; inside a concrete containment with drain valve; Category 1 tank per STI SP001 code
TK-910	HORIZONTAL		FLATHEAD	600 g	4'-8"	4'-9"	RED DYE DSL ADD.	NO DATA	5	ASAP	ASAP	NO DATA		See STI Code	NNP; owned by Western; no manway, on skid plate, inside a concrete containment with drain valve
TK-911	HORIZONTAL		FLATHEAD	8,000 g	8'-0"	21'-0"	CONOCO PHILLIPS ADD.	Mar-10	5	Mar-10	ASAP	NO DATA		See STI Code	NNP; 2010 report indicates that the tank is owned by Conoco; manway present; on skid plate; inside a concrete containment with drain and bull plug; Category 1 tank per STI SP001 code
TK-912	HORIZONTAL		FLATHEAD	8,000 g	8'-0"	21'-0"	NOT IN SERVICE	Dec-10	5	Dec-15	Dec-15	NO DATA		See STI Code	NNP; owned by Western; no manway, no containment, on skids; 12/2010: the tank was hydro-leak tested with a Glycol 15% mix and water and held for 24 hours; Category 3 tank per STI SP001 code
TK-913	HORIZONTAL		FLATHEAD	8,000 g	10'-0"	15'-0"	NOT IN SERVICE	Dec-10	5	Dec-15	Dec-15	NO DATA		See STI Code	NNP; owned by Western; 18" manway present, on skids, no containment; 12/2010: the tank was hydro-leak tested with a Glycol 15% and water mix and held for 24 hours; Category 3 tank per STI SP001 code
TK-914	HORIZONTAL	2005	FLATHEAD	8,000 g	8'-0"	21'-6"	NOT IN SERVICE	Jul-05	5	Jul-10	Jul-10	NO DATA		See STI Code	owned by Western; Built to UL 142, single wall, skid mounted, all steel 1/4", 20 manway present, tested to 5 psi when fabricated; inside concrete containment with drain valve; Category 1 tank per STI SP001 code

TK-918	HORIZONTAL	2001	FLATHEAD	2,000 g	5'-4"	12'-8"	DIESEL ADD.	Oct-14	5	Oct-19	Sep-16	NO DATA		See STI Code	UL#973020/A61092; Horizontal Tank; Built to UL 142, double wall shell, skid mounted, NO MANWAY, inside a concrete containment with drain valve; Category 1 tank per STI SP001 code
Z81-T1	PLASTIC	1998	FRT	1,000	21'-6"	16'-0"	TREATED WATER	Dec-14	1	Dec-15		Apr-12		See STI Code	FIBERGLASS; built to ASTM 3299-88; previous tank that was demo-ed was a steel API tank; 2012: repair recommendations were deferred; Category 1 tank per STI SP001 code and it has water
Z81-T10	VERT. STEEL	1957	CFRT	63	10'-0"	17'-0"	CAUSTIC SODA LIQUID	Oct-10	5	Aug-15	Aug-25	NO DATA	10	ASAP	NNP; this tank has no records of any internal inspection or original tank information; manway present; inside a concrete containment with sewer drain
Z81-T14	CUBE TANK	1989	FLATHEAD	585 g	5' x 4'	3'-11"	DIESEL	Dec-14	1	Dec-15	Sabrina	NO DATA		See STI Code	Insulated Cube tank; Diesel generator day tank; built to UL standard; on skid plate on top of concrete pad; no containment; 16" manway present; Category 3 tank per STI SP001 code
Z81-T15	HORIZONTAL	1989	FLATHEAD	4,000 g	6'-0"	18'-0"	DIESEL	Dec-14	1	Dec-15	Jul-15	NO DATA		See STI Code	NNP; Elevated Tank on concrete pillars; no containment present; manway present; no record of internal inspection; see Ultrapipe for UT data; Category 3 tank per STI SP001 code
Z81-T5	CFRT	1979	IFRT	5,000	33'-6"	32'-0"	TREATED WATER	Dec-14	5	Dec-19	Dec-29	Apr-91	10	Apr-01	formerly known as tank 31 which was reconstructed at the Boiler unit, but no records of reconstruction; tank has never had a formal internal inspection; DA Makeup water storage tank
Z81-T6	PLASTIC	1998	FRT	1,000	21'-6"	16'-0"	CHLORINATED WATER	Dec-14	1	Dec-15		Jul-09		See STI Code	Fiberglass tank/ Palmer Standards; domestic (potable) water tank; 2009: internal inspection was done while the tank was in service, a dive team entered and video recorded the inspection and vacuumed cleaned all sediment. Category 1 tank per STI SP001 code and because it stores water
Z81-T7	PLASTIC	1998	FRT	1,000	21'-6"	16'-0"	BRINE WATER	Dec-14	1	Dec-15		NO DATA		See STI Code	Fiberglass/ASTM 3299-88; Category 1 tank per STI SP001 code
Z81-T9	HORIZONTAL		FLATHEAD	1700 g	6'-0"	12'-0"	DIESEL	Dec-14	1	Jul-15	Dec-08	NO DATA		See STI Code	NNP; Elevated Tank on concrete pillars; inside a concrete containment; manway present; Quincy Diesel Tank; Category 1 tank per STI SP001 code
Z83-T3	VERT. STEEL	1975	FRT	4,000 g	8'-0"	12'-0"	SULFURIC ACID (95%)	NO DATA	5	ASAP	ASAP	NO DATA	10	ASAP	located next to cooling towers; elevated vertical steel tank; inside a concrete containment (double containment) with sewer drain; insulated shell
Z84-TK-27	VERT. STEEL	1979	IFRT	5,000	33'-6"	31'-6"	WASTE WATER	Dec-14	5	Dec-19	Dec-29	Mar-08	20 or 25	3/2028 or 3/2033	July 2010 Repairs: new double bottom with leak detection, HDPE, and CP, new internal floating roof. Next internal inspection: new bottom 10 yrs + double bottom containment 10 yrs + cathodic protection maintained per API 651 15 yrs= 25 year to next internal inspection
Z84-TK-28	VERT. STEEL	1979	IFRT	5,000	33'-6"	31'-6"	WASTE WATER	Dec-14	5	Dec-19	Dec-29	Mar-08	20 or 25	3/2028 or 3/2033	July 2010 Repairs: new double bottom with leak detection, HDPE, and CP, new internal floating roof. Next internal inspection: new bottom 10 yrs + double bottom containment 10 yrs + cathodic protection maintained per API 651 15 yrs= 25 year to next internal inspection
Z84-TK-35	VERT. STEEL	2010	IFRT	976920 g	78'-0"	32'-0"	WASTE WATER	Dec-14	5	Dec-19	Dec-29	Jan-10	20	Jan-30	2010: double bottom with leak detection, HDPE liner, sand cushion, sacrificial anodes product side, possible CP between bottoms. double bottom adds 10 years to next internal inspection + 10 years for the initial= 20 years to next internal inspection
Z84-V11	VERT. STEEL	2011	FRT	9030 g	16'-0"	6'-0"	DGF FEED	Mar-12	5	Mar-17	Mar-17		12	Mar-24	near API Separators; internal coating add 2 yrs to next internal inspection
Z84-V15	VERT. STEEL	2011	CFRT	31794 g	26'-0"	8'-6"	DGF FLOAT	Mar-12	5	Mar-17	Mar-17		22 or 27	3/2034 or 3/2039	located at API Building area; Double Bottom, primary 5/16" bottom, leak detection, HDPE, cathodic protection, sand; double bottom S128 containment 10 yrs + initial internal inspection 10 yrs + internal coating 2 yrs + cathodic protection maintained per API 651 yrs = 25 yrs.
Z84-V22	PLASTIC	2011	FRT	2000 g	7'-1"	7'-0"	COAGULANT	Sep-11	1	Aug-12		Sep-11		See STI Code	plastic/fiberglass tank; inside API Building; Category 1 tank per STI SP001 code
Z84-V24	VERT. STEEL	2011	CFRT	3500 g	7'-9"	10'-0"	SULFURIC ACID	Dec-11	5	Dec-16	Dec-16	Dec-11	10	Dec-21	UL 142: 1/2" roof, shell, and bottom, inside a concrete containment, design gravity=1.84, joint efficiency=0.70, allow stress=23760, UL tmin=.167"; near API Separators, next to Z84-V11
Z86-T1	VERT. STEEL	1966	OPEN	5,000	30'-0"	40'-0"	WELL WATER	Oct-10	5	Aug-12	Jun-14	NOV-'02	10	Nov-12	Reconstructed 11/2002: new 1/4" shell courses 1 thru 4
Z86-T2	VERT. STEEL	2002	OPEN	440,000 g	44'-0"	40'-0"	WELL WATER	Oct-10	5	Oct-15	Aug-25		10	Apr-12	Design Code: AW W A D-100, 98-Section 3; inspection intervals were based on API 653 calculations and allowable stresses of A-36 material
Housing South	VERT. STEEL		FRT				WATER	NO DATA	5	ASAP	ASAP	NO DATA	10	ASAP	Located up the hill at the housing complex
Housing North	VERT. STEEL		FRT				WATER	NO DATA	5	ASAP	ASAP	NO DATA	10	ASAP	Located up the hill at the housing complex
TK-117	VERT. STEEL	1983	CFRT	250	10'-0"	17'-9"	NOT IN SERVICE (De-Icer)	MAY-'96	5	May-01		JUL-'83	10	JUL-'93	
TK-18670	AST		CFRT	NO DATA	8'-0"	6'-0"	NALCO-7359	NO DATA	5	ASAP		NO DATA	10	ASAP	Removed September 2012, per Michael Spolar & Maint.; PVC/ASTM/NNP
TK-18674	AST		CFRT	NO DATA	8'-0"	6'-0"	NALCO-7359	NO DATA	5	ASAP		NO DATA	10	ASAP	Removed September 2012, per Michael Spolar & Maint.; PVC/ASTM/NNP
TK-334															According to Joel Quinones, this tank never existed.
TK-451	VERT. STEEL	1957	CFRT	1,000	21'-3"	16'-0"	OUT OF SERVICE	MAY-'96	5	May-01		OCT-'90	10	OCT-'00	NNP; schedule for DEMO per WR
TK-452	VERT. STEEL	1957	CFRT	1,000	21'-3"	16'-0"	OUT OF SERVICE	MAY-'96	5	May-01		AUG-'88	10	AUG-'98	NNP; schedule for DEMO per WR
TK-453	VERT. STEEL	1957	CFRT	5,000	33'-6"	32'-0"	OUT OF SERVICE								schedule for DEMO per WR
TK-673	VERT. STEEL	1957	GR	250	10'-0"	18'-0"	KEROSENE (N.I.S)	OCT-'94	5	Oct-99		NO DATA	10	ASAP	Tank was demolished, per Joel Quinones email on 9/17/14
TK-702	VERT. STEEL	1963	CFRT	25,000	67'-0"	40'-5"	FCC FEED	FEB-'95	5	Feb-00		FEB-'83	10	FEB-'93	NNP; schedule for DEMO per WR
TK-708	VERT. STEEL	1963	CFRT	1,000	22'-6"	14'-11"	RESIDUE	MAY-'06	5	May-11		MAY-'06	10	MAY-'16	NNP; schedule for DEMO per WR
TK-709	VERT. STEEL	1963	CR	1,000	22'-6"	14'-9"	RESIDUE	FEB-'95	5	Feb-00		NO DATA	10	ASAP	NNP; schedule for DEMO per WR
TK-743	VERT. STEEL		CFRT	NO DATA	NO DATA	NO DATA	NOT IN SERVICE	NO DATA	5	ASAP		NO DATA	10	ASAP	Tank was demolished, per Joel Quinones email on 9/17/14
TK-7435															Tank is not present in Crude Unit; Michael Spolar could not find any records of this tank. May have been removed prior to 1998
Z81-T14							HCL								Removed sometimes in the 2000's, per Michael Spolar Jr.
Z81-T13	AST		CFRT	N	4'-0"	4'-0"	DIESEL	DEC-'03	5	Dec-08		NO DATA	10	ASAP	NNP; Has been removed from the site, per boiler operator
Z81-T17	AST		CFRT	NO DATA	8'-9"	15'-0"	WATER SOLUTION (N.I.S)	NO DATA	5	ASAP		NO DATA	10	ASAP	FG/ASTM/NNP; Has been removed from the site, per boiler operator
Z81-T8	AST		CFRT	250	14'-0"	15'-0"	FUEL OIL (N.I.S)	FEB-'98	5	Feb-03		NO DATA	10	ASAP	Has been removed from the site, per boiler operator
Z81-V11	AST		FRT				NIS								Possibly a plastic tank @ Boiler Plant; abandoned chemical (transport plus) tank per Michael Spolar

NNP=No Nameplate
 EFRT=External Floating Roof Tank NIS=Not In Service
 CFRT=Cone Fixed Roof Tank
 IFRT=Internal Floating Roof Tank
 FRT=Fixed Roof Tank
 AST=Atmospheric Storage Tank