

TANKS Field name	Description
ID	Database ID - assigned by program
MIX ID	Database ID for the mixture - assigned by program
PRIMARY	Primary component or mixture name in the tank
NAME	Pollutant name
CAS	CAS registry number
MONTH	Type of report
TANK_TYPE	Tank type
USER ID	User assigned ID
CITY	City
STATE	State
COMPANY	Name of tank farm
DESC	User description
MET CTYST	Meteorological city and state
AMB_T	Daily average ambient temperature
T_MIN	Average annual minimum temperature
T_MAX	Average annual maximum temperature
INSOL	Daily Total Solar Insulation Factor (Btu/sqft day)
P_A	Atmospheric pressure at location
S_LOSS	Breathing Loss
W_LOSS	Working Loss
RIM_LOSS	Rim seal loss
WD_LOSS	Withdrawal loss
DECKF_LOSS	Deck fitting loss
DECKS_LOSS	Deck seam loss
MOLES	total number of moles in mixture, lb mole
L_WT_FRACT	Liquid mass fraction
V_WT_FRACT	Vapor Mass Fraction
L_MO_FRACT	liquid mole fraction, lb-mole/lb-mole
V_MO_FRACT	vapor mole fraction of component i, lb-mole/lb-mole
MOLWT	Molecular weight
VP_MOLWT	Vapor molecular weight
L_DENS	Average Organic Liquid Density (lb/gal)
ALPHA	Tank Paint Solar Absorptance (Shell)
ALPHA_2	Tank Paint Solar Absorptance (Roof)
ALS_TEMP	Daily Avg. Liquid Surface Temp. (deg R)
MLS_TEMP	Daily Min. Liquid Surface Temp. (deg R)
XLS_TEMP	Daily Max. Liquid Surface Temp. (deg R)
BULK_T	Liquid Bulk Temperature (deg. R)
A_VP	Vapor Pressure at Daily Average Liquid Surface Temperature (psia)
M_VP	Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia)
X_VP	Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia)
DIAMETER	Tank Diameter (ft)
EFF_DIAM	Horizontal tank effective diameter
HEIGHT_S	Tank shell length
HEIGHT_R	Roof Characteristics: Height (ft)
HEIGHT_L	Maximum Liquid Height (ft)
HEIGHT_AL	Average Liquid Height (ft)
VOLUME	Maximum Liquid Volume (gal)
Q_NET	Annual Net Throughput (gal/yr.)
TURNOVER	Annual Turnovers

TANKS Field name	Description
SHL_COLSHD	Shell Color/Shade
SHL_COND	Internal Shell Condition
PT_COND	Shell Condition
RF_COLSHD	Roof Color/Shade
RF_COND	Roof Condition
RF_TYPE	roof type
VP_RANGE	Daily Vapor Pressure Range (psia)
T_RANGE	Daily Ambient Temp. Range (deg. R)
VT_RANGE	Daily Vapor Temperature Range (deg. R)
RF_OUT	Roof Outage (ft)
VS_OUT	Vapor Space Outage (ft)
VS_VOL	Vapor Space Volume (cu ft)
V_DENS	Vapor Density (lb/cu ft)
BV_RANGE	Breather Vent Press. Setting Range(psia)
K_E	Vapor Space Expansion Factor
K_S	Vented Vapor Saturation Factor
K_N	Turnover Factor
K_P	Working Loss Product Factor
M_KR	Seal Factor A (lb-mole/ft-yr):
M_P	Value of Vapor Pressure Function:
M_KC	Rim seal losses: Product Factor
M_C	Withdrawal losses: Shell Clingage Factor (bbl/1000 sqft):
VENT_P	Pressure Settings (psig)
VENT_V	Vacuum Settings (psig)
C_SLOPE	Roof Characteristics: Slope (ft/ft) (Cone Roof)
D_RADIUS	Radius (ft) (Dome Roof)
NC	number of fixed roof support columns, dimensionless
FC	effective column diameter, ft
M_FF	Total Roof Fitting Loss Fact0r..(lb-mole/yr)
SD	deck seam length factor, ft/ft ²
KD	deck seam loss per unit seam length factor, lb-mole/ft-yr
N_FACT	Seal-related Wind Speed Exponent
TANK_CONSTRUCT	Tank construction
RIM_PRIM	Primary Seal:
RIM_SEC	Secondary Seal
M_KRA	Seal Factor A (lb-mole/ft-yr):
M_KRB	Seal Factor B (lb-mole/ft-yr):
FITTING	Fitting category
M_V	Average Wind Speed (mph):
DECK_TYPE	Deck type
DECK_CONSTRUCT	Deck construction
DECK_SEAM	Deck Seam Length Factor(ft/sqft):
DECK_SEAM_LENGTH	Deck Seam Length (ft):
COL_NO	Number of columns
COL_DIAM	Effective Column Diameter (ft):
SELF_SUP	Self Supporting Roof?
UNDER	Tank underground?
HEATED	Tank heated?