

**TANKS 4.0.9d**  
**Emissions Report - Summary Format**  
**Tank Identification and Physical Characteristics**

**Identification**

User Identification: WCEV  
 City: Rogers City  
 State: Michigan  
 Company: Vertical Fixed Roof Tank  
 Type of Tank: Test  
 Description:

**Tank Dimensions**

Shell Height (ft): 28.75  
 Diameter (ft): 75.00  
 Liquid Height (ft) : 28.75  
 Avg. Liquid Height (ft): 25.88  
 Volume (gallons): 950,130.92  
 Turnovers: 4.24  
 Net Throughput(gal/yr): 4,024,135.11  
 Is Tank Heated (y/n): N

**Paint Characteristics**

Shell Color/Shade: White/White  
 Shell Condition: Good  
 Roof Color/Shade: White/White  
 Roof Condition: Good

**Roof Characteristics**

Type: Dome  
 Height (ft): 28.75  
 Radius (ft) (Dome Roof): 0.00

**Breather Vent Settings**

Vacuum Settings (psig): -0.03  
 Pressure Settings (psig): 0.03

Meteorological Data used in Emissions Calculations: Alpena, Michigan (Avg Atmospheric Pressure = 14.36 psia)

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**Liquid Contents of Storage Tank**

**WCEV - Vertical Fixed Roof Tank**  
**Rogers City, Michigan**

Mixture/Component	Daily Liquid Surf Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
	Month Avg.	Min.	Max.		Avg.	Min.	Max.					
Distillate fuel oil no. 2	All	44.37	39.19	49.56	42.80	0.0037	0.0031	0.0044	130.0000	188.00	Option 1: VP40 = .0031 VP50 = .0045	

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Emissions Report - Summary Format  
Individual Tank Emission Totals**

**Emissions Report for: Annual**

**WCEV - Vertical Fixed Roof Tank  
Rogers City, Michigan**

Components	Losses(lbs)		Total Emissions
	Working Loss	Breathing Loss	
Distillate fuel oil no. 2	46.24	106.60	152.84