

# ORGANIC LIQUID STORAGE UNIT (FORM 1101-E1)

<b>DISTRICT: Butte County Air Quality Management District</b>	<b>&gt; DISTRICT USE ONLY &lt;</b>
	<b>DISTRICT ID:</b>
<b>COMPANY NAME:</b>	<b>FACILITY NAME:</b>

**I. PERMIT NUMBER:** \_\_\_\_\_

**II. EQUIPMENT DESCRIPTION**

1. Equipment type: \_\_\_\_\_
2. Equipment description: \_\_\_\_\_
3. Equipment make, model & serial number: \_\_\_\_\_
4. Control device(s) type and description (if any): \_\_\_\_\_

**III. OPERATIONAL INFORMATION**

1. Operating schedule: \_\_\_\_\_ (hours/day) \_\_\_\_\_ (hours/year)
2. Raw material used or processed:

ORGANIC LIQUID	VAPOR PRESSURE (psia)	BOILING POINT (F)	STORAGE TEMPERATURE (F)	LIQUID THROUGHPUT (gals/year)

3. Total annual throughput: \_\_\_\_\_ (1000 gallons)

4. Profile of material throughput: \_\_\_\_\_ Jan-Mar (% of total) \_\_\_\_\_ April-June (% of total)  
 \_\_\_\_\_ July-Sep (% of total) \_\_\_\_\_ Oct-Dec (% of total)

**IV. TANK DESIGN AND SPECIFICATIONS**

1. Tank design:
 

<input type="checkbox"/> Floating Roof (external) <input type="checkbox"/> Fixed Roof <input type="checkbox"/> Pressure	<input type="checkbox"/> Floating Roof (internal) <input type="checkbox"/> Underground <input type="checkbox"/> Other: _____
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2. Tank specifications:
 

Max Fill Rate: _____ (gals/hr) Height: _____ (ft) Diameter: _____ (ft) Capacity: _____ (gal)	Max Withdrawal: _____ (gal/hr) Vapor Space: _____ (ft) Paint color: _____
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3. Shell type:
 

<input type="checkbox"/> Guniting	<input type="checkbox"/> Riveted	<input type="checkbox"/> Welded	<input type="checkbox"/> Other: _____
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# ORGANIC LIQUID STORAGE UNIT (FORM 1101-E2)

4. Roof type:             Pan             Pontoon             Other: \_\_\_\_\_

5. Tank Seals:             Single Seal     Double Seal

Primary Seal Shoe Type:

- Metallic Shoe
- Vapor Mounted Resilient Seal
- Liquid Mounted Resilient Seal
- Wiper Seal
- Other: \_\_\_\_\_

Secondary Seal Shoe Type:

- Shoe Mounted Wiper Seal
- Rim Mounted Wiper Seal
- Weathershield
- Other: \_\_\_\_\_

6. Unit emissions:

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
<b>A. Emissions</b>					
<b>B. Pre-modification Emissions<sup>1</sup></b>					
<b>C. Emission Change<sup>2</sup></b>					
<b>D. Emission Limit<sup>3</sup></b>					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
<b>A. Emissions</b>					
<b>B. Pre-modification Emissions<sup>1</sup></b>					
<b>C. Emission Change<sup>2</sup></b>					
<b>D. Emission Limit<sup>3</sup></b>					
<sup>1</sup> For permit modifications only; emissions prior to project modification. <sup>2</sup> Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.). <sup>3</sup> For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.) required by any applicable federal requirement.					