

**TEP Rocky Mountain LLC**  
**Harpoon Tank Standard Operating Procedures**  
**15,000bbl Tank**

**January 2025**



## INTRODUCTION

TEP Rocky Mountain LLC (“TEP”) has developed the following Standard Operating Procedures (SOP) in accordance with the Colorado Energy and Carbon Management Commission (“ECMC”) Modular Large Volume Tanks Policy published on June 14, 2014, and Standard Operating Procedures (SOP). MLVTs are typically field assembled on an Oil and Gas Location for temporary use and are dismantled for movement to a different location following their use.

## STANDARD OPERATING PROCEDURES

1. Harpoon Tanks (15,000bbl) will be erected on solid, level ground to ensure a safe and successful installation and operation. Appropriate site conditions will be documented
  - a. The slope from one end of the tanks to the back will be less than 2” over the 54’ 6” diameter.
  - b. All grading and disturbance of the site will be in accordance with Rules 1002.b. and 1002.c.
  - c. Potential weather impacts will be evaluated.
  - d. A more detailed check list provided by Hydrera (manufacturer) will be utilized
2. The installation of the tanks will be on a site where there are no overhead obstructions
3. Proper setbacks of the tanks will be in accordance with ECMC guidelines:
  - a. 75 feet from a wellhead, fired vessel, heater-treater, or a compressor with a rating of 200 HP or more
  - b. 50 feet from a separator, well test unit, or other non-fired equipment
4. Drainage troughs will be installed at tank bases to position suction hoses
5. When extra protection is needed due to sharp rocks, scoria, etc. the following will be used:
  - a. Sawdust or sand over the tank base area with no more than 2” of depth
  - b. Geotextile, ground mat or layout belting
6. A detailed SOP for erecting Harpoon Tanks from the manufacturer will be followed and is included in this WMP submittal beginning on page seven (Harpoon SOP – 0001 Setup).
7. Safe distances from any obstacles will be observed for initial filling and operation of the tanks.
8. Representatives will be present when filling operations are underway.
  - a. A TEP representative will be present during the initial filling of the tanks
  - b. The contractor who installed the tanks will be present and inspect for any leaks with the power of full stop work authority.
    - i. If leaks are observed, filling will be stopped, and leaks will be repaired. The integrity of any repaired tanks will be evaluated prior to continued filling of said tanks.
    - ii. If leaks cannot be repaired a Hydrera representative will be contacted.
    - iii. Contractor will ensure the thief hatch/ERV is always clean and in good working order.
9. Tanks will operate with a minimum of:
  - a. 1’ freeboard at all times (unless otherwise documented)
  - b. 1’ water level at all times to ensure liner is properly seated

10. During freezing conditions all piping that does not have heated water or are not begin used will be drained to protect equipment.
11. Contractors will fill out a daily inspection form for all tanks on location to identify any issues. Any identified deficiencies will be repaired as soon as practical. Tank inspection will include identifying:
  - a. Leaks
  - b. Exterior wall integrity deficiencies
  - c. Settling/degrading of base area
  - d. Drainage trough conditions