

## **MONITORING PROCEDURES**

### **SOP FOR ALL “Berry Petroleum Company” WATER IMPOUNDMENTS**

#### **1.0 SCOPE**

- Production pits monitored to ensure all produced water pit levels maintain safe levels to protect the environment, surrounding leases and land owners.
- Inspection and monitoring to maintain wildlife fencing, netting and pit liner integrity in adherence to all Federal, State and County regulations.

#### **2.0 REQUIREMENTS**

Employees and contractors shall be trained and qualified in the safe operations of water impoundments, surface lines and surveillance systems. All supervisors will have a minimum of 3 years

#### **3.0 APPLICABLE DOCUMENTS**

- Berry Petroleum Company Safety Handbook
- Material Safety Data Sheet (MSDS)

#### **4.0 SAFETY AND ENVIRONMENT**

- Personal Protective Equipment (PPE)
  - Hard hat
  - Eye protection
  - FRC clothing
  - Steel toe boots
  - Safety harness system and backup
- Additional Personal Protective Equipment (PPE) as identified in MSDS or in this procedure. Spill kit to be kept in designated location that is familiar to employees trained in spill response procedures

#### **5.0 PROCEDURE:**

- All remote surveillance systems will be checked on a daily basis from office.
  - Impoundment will be monitored with an electronic fluid level monitor, and/or leak detection device, tracking all fluctuation of the fluid level. Level monitor will be interfaced with existing automation alarm system in the event of unstable fluid levels. All pit level data will be logged and kept on the automation system.
- The Water Impoundment fencing and netting will be inspected on a (minimum) weekly basis to maintain safety for all wildlife and will meet or exceed all regulatory guidelines and standards.
- All liners and storage fluids will be inspected on a (minimum) weekly basis. All conditions will be reported and documented on “Check List” 6.0

- In the event of fluids release adherence to current ERP (attached) is mandatory. Landowner will be notified of all spills.
- On an annual basis, or when deemed necessary, Impoundments will be drained and given full inspection. All data will be logged.

