

Title: Operational Inspection Summary – Site B (Oil Battery & Associated Gas)

Date: 2025-08-18

Operator: Prairie Ridge Operations Inc.

Facility ID: AB-67890

### 1) Scope

Focused inspection of oil battery and associated gas handling (pneumatics, storage, flare).

### 2) Emissions & LDAR

- LDAR: No formal LDAR survey since 2023-10. OGI equipment unavailable on site.
- Devices: Multiple high-bleed pneumatic controllers on separator train (tags PNC-12, -14).
- Repairs: Known valve packing leak (tag V-22) unresolved > 90 days; no repair ticket in CMMS.

### 3) Venting & Flaring

- Routine venting: ~1,200 m<sup>3</sup>/month from tank vapor vents (Jan–Jul 2025).
- Flare: Pilots intermittently out; visible emissions during startup. No efficiency records.
- No documented evaluation to reduce routine venting or route to flare/compression.

### 4) Produced Water & Effluents

- 2025-07-09 water drawdown to containment ditch during maintenance; no notification record.
- No sampling or lab report filed. Secondary containment shows stained soils.

### 5) Monitoring & Reporting

- No documented quarterly emissions survey. No evidence monthly vent volumes are verified.
- Training record for emissions technician expired 2024-12.

### 6) Preliminary Compliance Concerns (for triage)

- LDAR frequency appears inadequate; survey intervals exceeded.
- High-bleed pneumatics without justification or replacement plan.

- Routine venting volumes likely above acceptable thresholds without control/flare routing.
- Potential release to environment (produced water to ditch) without notification/sampling.

#### 7) Recommendation

Immediate LDAR survey. Replace high-bleed devices. Quantify/route tank vapors to flare/compression. Investigate July discharge and document notifications/sampling.