



TrustWell™ by Project Canary

Technical Components Overview

PC TrustWell™
ID: TW-2021v10.3

Certification Minimum Requirements:

Silver Gold Platinum

TrustWell™ Specs & Claims
Standard Definition
Approach & Scoring Standards
Technical Components
Data Collection Process
Verified Attribute: Low-Methane
Verified Attribute: Freshwater Friendly
Verified Attribute: Safe Operator
Verified Attribute: Chemical Steward

Rating	The operator has completed the TrustWell certification process:	75	100	125
	Performance Rating above: Minimum 10% of certified wells visited during site visit:	✓	✓	✓
Environmental Programs (Water, Air, Land, Community)	<p>The operator clearly demonstrates a commitment to environmental stewardship by:</p> <p>Documented LDAR emissions monitoring plan in accordance with EPA Quad O requirements</p> <p>The operator has a direct line of communication for local community members to voice comments, concerns, or complaints.</p> <p>Announced commitments to reducing methane emissions and proper tracking/measuring metrics outlined.</p> <p>Wellsite compression is done via natural gas-powered compressors (or reduced emissions equivalent)</p> <p>The company recycles/reuses some portion of produced/flowback water for operations</p> <p>Company tracks the source and quantity of freshwater withdrawals used for operations</p> <p>The operator has qualified for the low methane verified attribute (effective EOY 2020):</p> <p>Methane intensity below established thresholds</p> <p>LDAR emissions monitoring plan above EPA Quad O requirements</p> <p>Reduction of methane emissions with ≥2-year proven track record</p> <p>The operator has qualified for the freshwater friendly verified attribute (effective EOY 2021):</p> <p>Operator tracks the percentage of water sourced for operations pulled from freshwater sources</p> <p>Operator tracks the percentage of produced water that's recycled for reuse</p> <p>Completion of at least 1 baseline study or community impact study pertaining to water usage</p>	✓	✓	✓
Spill Prevention	<p>Documented spill prevention/response program containing:</p> <p>Types of potential spills, required PPE and necessary training to respond to each type of spill</p> <p>Communication protocols and personnel clearly established in the spill response plan</p> <p>Predetermined response locations containing appropriate rapid response equipment</p>	✓	✓	✓
Waste Management	<p>Waste management program:</p> <p>Contains criteria for types of waste and requirements for separation of wastes</p> <p>Lists approved disposal facilities for each type of waste</p> <p>Reviewed on an annual basis</p> <p>Documents where waste is generated from and the quantities produced</p>	✓	✓	✓
Emergency Response	<p>The operator has provided an emergency response plan (or equivalent) that:</p> <p>Addresses any potential emergency situations the operator may encounter (operations, weather, etc.)</p> <p>Incorporates strategy, tactics, required capabilities, risk assessments, and business impact scenarios into the plan</p> <p>Addresses mandatory training for executive leadership</p> <p>Updated biannually or earlier</p> <p>The addition of annual (minimum) no-notice drills involving executive leadership, community stakeholders, and local emergency responders</p> <p>Updated annually</p> <p>Contains competency testing of emergency training</p>	✓	✓	✓
Well Integrity	<p>The operator successfully addresses well integrity issues by:</p> <p>Conducts and documents AVO checks at routine wellhead inspections</p> <p>Installation of SCADA monitoring at the wellhead</p> <p>Installation of SCADA monitoring with remote shut-in capability</p> <p>Wellheads and cellars are in orderly/working condition and ALL valves/outlets are accessible</p>	✓	✓	✓