

TSM Performance by Company

Suncor Energy



Suncor Energy recovers bitumen from oil sands near Fort McMurray, Alberta, and upgrades it to refinery-ready feedstock and diesel fuel. With production capacity of about 300,000 barrels per day and enough reserves to sustain production for the next 50 years, Suncor remains a leader in oil sands development.

In 2009, Suncor merged with Petro-Canada to become Canada's largest energy company. The merger will result in a second oil sands mining operation for Suncor in the region in the coming years.

Suncor's 2015 TSM results were externally verified. For the most part, the results were either consistent or improved from the company's 2011 externally verified results.

CRISIS MANAGEMENT PLANNING

Suncor completed all requirements for this protocol and received a "yes" score for all indicators.

ENERGY USE AND GHG EMISSIONS MANAGEMENT

Although the facility received a Level AAA for the energy use and GHG emissions management systems and the energy use and GHG emissions reporting systems indicators, it did not meet the reporting requirements for energy use and GHG emissions performance targets. The facility achieved a Level A for the remaining indicator by meeting its performance targets.

TAILINGS MANAGEMENT

Oil sands tailings ponds have come under increased public scrutiny in the past few years. Suncor has worked hard in this area to ensure compliance with all performance indicators. Consistent with its externally verified results for 2014, Suncor achieved a Level AA for all indicators. Work continues in this area to ensure that the company can continue to maintain a high level of compliance in the future.



Reclamation activities at Suncor's oil sands operation near Fort McMurray, Alberta.

ABORIGINAL AND COMMUNITY OUTREACH

Suncor has consistently performed well (Level AAA for all indicators) in this area as external outreach has always been a key part of maintaining its social license to operate. Suncor regularly reviews its communities of interest (including several Aboriginal communities) and its interaction with them. Communities of interest have an important say in how the company conducts its business. Moreover, success depends on earning the trust and consent of residents in the communities where the company operates.

Suncor has a stakeholder relations framework that outlines the company's commitment to collaboration, transparency and respect for all views. The framework guides Suncor as it develops long-term relationships with those affected by its business, including employees, community members, shareholders, customers, organizations and governments.

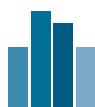
SAFETY AND HEALTH

Safety is a key aspect of Suncor's operations. The company's safety performance met all the requirements of a Level AAA rating for indicators 1 through 4 and a Level AA for indicator 5 (performance), which reflects the impact of a fatality in 2014.

BIODIVERSITY CONSERVATION MANAGEMENT

Biodiversity conservation management is a key part of Suncor's closure plans, and has been identified as an issue to be managed in the company's strategic issues management process. Through Suncor's continuous commitment to biodiversity, the facility was able to increase its score this year and achieve Level AAAs for all three indicators.

📄 For more information, please visit: www.suncor.com



Externally
Verified Results

2015 TSM Results

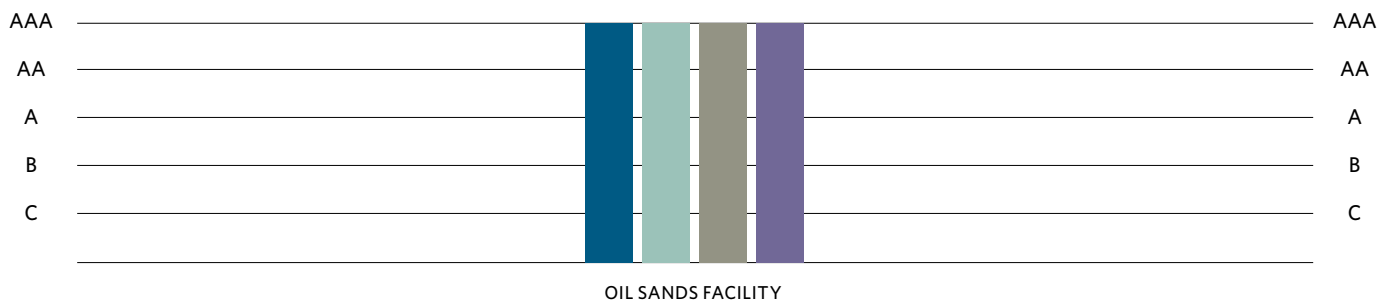
Suncor Energy

Crisis Management Planning Assessment

FACILITY	PREPAREDNESS	REVIEW	TRAINING
OIL SANDS FACILITY	☑	☑	☑

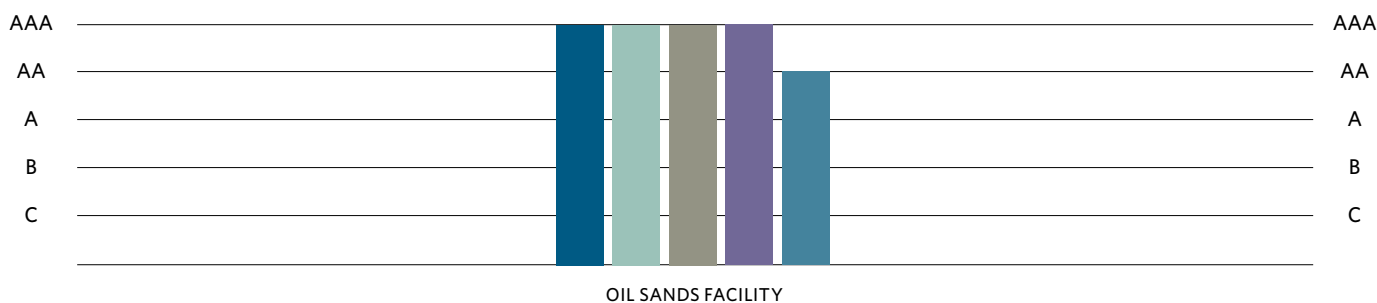
Aboriginal and Community Outreach Assessment

- COMMUNITY OF INTEREST (COI) IDENTIFICATION
- COI RESPONSE MECHANISM
- EFFECTIVE COI ENGAGEMENT AND DIALOGUE
- REPORTING



Safety and Health Assessment

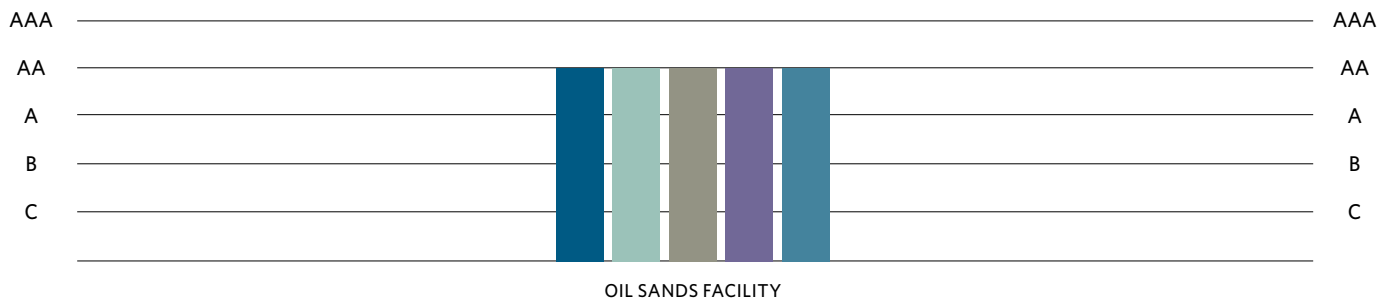
- POLICY, COMMITMENT AND ACCOUNTABILITY
- TRAINING, BEHAVIOUR AND CULTURE
- PLANNING, IMPLEMENTATION AND OPERATION
- MONITORING AND REPORTING
- PERFORMANCE



Tailings Management Assessment

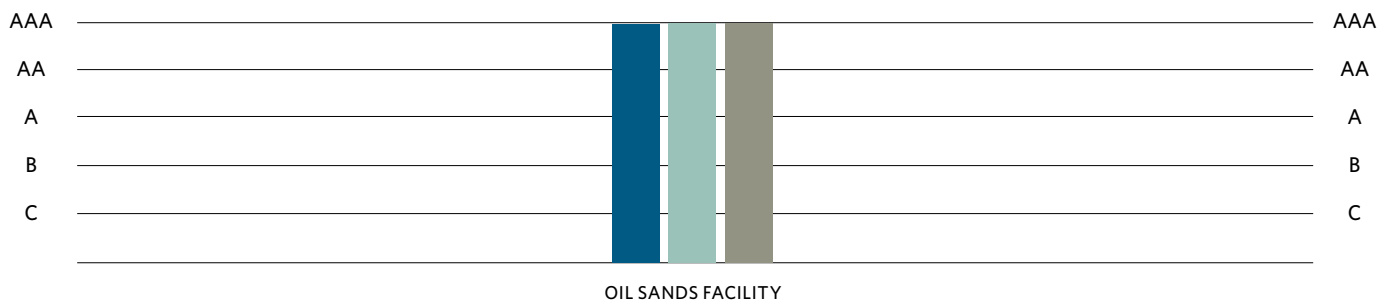
Externally
Verified Results

- TAILINGS MANAGEMENT POLICY AND COMMITMENT
- TAILINGS MANAGEMENT SYSTEM
- ASSIGNED ACCOUNTABILITY AND RESPONSIBILITY FOR TAILINGS MANAGEMENT
- ANNUAL TAILINGS MANAGEMENT REVIEW
- OPERATION, MAINTENANCE AND SURVEILLANCE (OMS) MANUAL



Biodiversity Conservation Management Assessment

- CORPORATE BIODIVERSITY CONSERVATION POLICY, ACCOUNTABILITY AND COMMUNICATIONS
- FACILITY-LEVEL BIODIVERSITY CONSERVATION PLANNING AND IMPLEMENTATION
- BIODIVERSITY CONSERVATION REPORTING



Energy Use and GHG Emissions Management Assessment

- ENERGY USE AND GHG EMISSIONS MANAGEMENT SYSTEMS
- ENERGY USE AND GHG EMISSIONS REPORTING SYSTEMS
- ENERGY AND GHG EMISSIONS PERFORMANCE TARGETS

