
Pogo Mine

Project Description

The Pogo Mine is an underground cut-and-fill operation using gravity, flotation, and cyanide leaching processes to recover gold. The mine is located 38 miles northeast of Delta Junction, Alaska, on land owned by the State of Alaska. Access to the mine is via a 49-mile all season road from the Richardson Highway. The project is operated by Sumitomo Metal Mining Pogo LLC (SMMPogo). The major Pogo Mine facilities include the Pogo underground mine, surface mill, dry stack tailings facility, water management systems, administrative facilities, 250 person upper camp and 203 person lower camp with recreation and catering facilities. Power is supplied from the regional grid via a 50-mile transmission line paralleling the access road. The mine was originally permitted in 2003, and operates 24-hours a day, 365 days a year. In 2015, SMMPogo employed 317 people and had one lost time accident. SMMPogo produced 281,359 ounces of gold, mined 1,516,576 tons (ore & waste), and milled 926,603 tons. SMMPogo placed 12,449,136 cu.ft of paste fill in the underground workings.

Environmental Audits

December 2016

- [SMM-Pogo Mine 2016 Environmental Audit \(PDF\)](#) (posted 1/12/17)

Financial Assurance

Financial Assurance

- [Mining Reclamation Bond 2012 \(PDF\)](#) (posted 8/1/12)
- [DNR Interim Approval of New Reclamation Bond Amount \(PDF\)](#) (issued 3/20/2012)

Permits, Approvals and Authorizations

Department of Natural Resources (DNR)

- [Pogo Mine Plan of Operations Approval \(F20129500\) \(PDF\)](#) (issued 2/7/2012)
February 7, 2012 Joint Agency Response to Comments Document (PDF)
 - [F20129500POO Amendment 1 \(PDF\)](#) (issued 2/28/2012)
 - [F20129500POO Amendment 2 \(PDF\)](#) (issued 4/13/2012)
 - [F20129500POO Amendment 3 \(PDF\)](#) (issued 5/21/2012)
 - [F20129500POO Amendment 4 \(PDF\)](#) (issued 10/9/2012)
 - [F20129500POO Amendment 5 \(PDF\)](#) (issued 12/19/2012)
 - [F20129500POO Amendment 6 \(PDF\)](#) (issued 9/13/2013)
 - [F20129500POO Amendment 7 \(PDF\)](#) (issued 12/3/2013)
 - [F20129500POO Amendment 8 \(PDF\)](#) (issued 2/7/2014)
 - [F20129500POO Amendment 9 \(PDF\)](#) (issued 3/6/2014)
- [Pogo Mine Project Millsite Lease ADL 416949 \(PDF\)](#) (issued 12/18/2003)
- [Final Decision To Issue Millsite Lease \(ADL 416949\) \(PDF\)](#) (issued 12/18/2003)
 - [Consent Resolution of the Board of Directors of Teck-Pogo Inc. \(per Paragraph 26 of the Pogo Millsite Lease\) \(PDF\)](#) (signed 11/25/04)
 - [Exhibit B: Parent Entity Guaranty \(PDF\)](#)
- [Right-of-way for the Pogo Mine Project Road \(ADL 416809 & 417066\) \(PDF\)](#) (issued 12/18/2003)
- [Right-of-way for the power line for the Pogo Mine Project \(ADL 416817\) \(PDF\)](#) (issued 12/18/2003)
- [Competitive Land Lease for Maintenance/Staging Facility \(ADL 416953\) \(PDF\)](#) (issued 12/18/2003)
- [Competitive Material Sale \(ADL 416816\) \(PDF\)](#) (issued 12/18/2003)
- [Pogo Upland Mining Lease \(ADL 674057\) \(PDF\)](#) (issued 5/4/2004)

Department of Environmental Conservation (DEC)

- [DEC Pogo Mine Waste Management Permit No. 2011DB0012 \(PDF\)](#) (issued 2/7/2012)
 - [February 7, 2012 Joint Agency Response to Comments Document \(PDF\)](#)
- [APDES Permit No. AK0053341 \(PDF\)](#) (effective 5/1/2011)
 - [APDES Permit Fact Sheet \(PDF\)](#)
- [DEC Air Quality Control Minor Permit AQ0406MSS03 \(PDF\)](#) (issued 12/13/06)
- [DEC Air Quality Control Construction Permit 406CP01 \(PDF\)](#) (issued 1/30/04)

Archive of prior authorizations, financial assurance, and public process

Support Documents

2012 Drystack Tailings Facility Expansion

Request for Amendment (Rev 2) to Plan of Operations F20129500 by Sumitomo Metal Mining Pogo LLC (Pogo) for Drystack Tailings Facility (DSTF) Expansion from 7.5 to 20 Million Tons (MTons) Including Construction of a New Diversion Ditch (PDF)

(March 12, 2012)

Appendix A

- Engineering Drawings for the Dry Stack Tailings Facility (DSTF) Expansion Construction, Pogo Mine, Alaska, USA (PDF)
- Dry Stack Tailings Facility (DSTF) Expansion Detailed Design – Pogo Mine, Alaska, USA (PDF)
- Technical Specifications for Pogo Dry Stack Tailings Facility Expansion – Revision 2 (PDF)

Appendix B

- Pogo Mine Reclamation Cost Estimate Final 3-20-2012 (PDF)

2012 Pogo DSTF Construction and Maintenance Plan (PDF) (March 2012)

Pogo Mine Dry Stack Tailings Facility Expansion Preliminary Study (PDF) (May 16, 2011)

Plan of Operations

2012 Pogo Plan of Operations (PDF) (March 2012)

- Updated Plan of Operation's Figures:

- Figure 1.3 (PDF)
- Figure 1.3a (PDF)
- Figure 1.3b (PDF)
- Figure 1.3d (PDF)
- Figure 7.1 (PDF)

2012 Pogo Reclamation and Closure Plan (PDF) (March 2012)

- Updated Reclamation and Closure Plan Figures:

- Figure 2.3 (PDF)
- Figure 4.6 (PDF)
- Figure 4.7 (PDF)
- Figure 4.8 (PDF)
- Figure 4.9 (PDF)

November 2011 Pogo Plan of Operations (PDF)

- Appendix A: Pogo Mine Claim List (PDF)
- Appendix B: Figures (PDF)
- Appendix C: Pogo Quality Assurance Plan (PDF)
- Appendix D: Pogo Mine Monitoring Plan (PDF)
- Appendix E: Pogo Reclamation and Closure Plan (PDF)
 - Pogo Mine Reclamation Cost Estimate (PDF)
 - Pogo Access Road and Transmission Line Closure Cost Estimate (PDF)
- Appendix F: Pogo DSTF Construction and Maintenance Plan (PDF)
- Appendix G: Pogo RTP Operating and Maintenance Manual (PDF)

Note: You can request and receive an Excel version of the Cost Estimates

- Excel File for Pogo Mine Reclamation Cost Estimate Final 3-20-2012
 - Excel File for Pogo Mine Reclamation Cost Estimate November 2011
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Pogo Mine Inflow Evaluation and Control Review (PDF) (Adrian Brown, April 5, 2009)

Pogo Project Water Management Plan February 2002 (PDF)

- Appendix A: Mine Inflow Report (PDF)
- Appendix B: Hydrology (PDF)
- Appendix C: Geochemistry (PDF)
- Appendix D: Surface and Ground Water (PDF)
- Appendix E: Soil (PDF)
- Appendix F: Water Quality Data (PDF)
- Appendix G: Paste Backfill Testwork (PDF)
- Appendix H: Mine Backfill Drainage Quality (PDF)
- Appendix I: Mill Process & Water Balances (PDF)
- Appendix J: Metallurgy (PDF)
- Appendix K: Post-mining Water Geochemistry (PDF)
- Appendix L: WTP (PDF)
- Appendix M: RTP Dam (PDF)
- Appendix N: Injection Wells (PDF)

Pogo Project Water Management Plan June 2002 Supplement (PDF)

In 2003 a Federal Environmental Impact Statement (EIS) was completed. The State of Alaska was a cooperating agency in the EIS process, and has used the EIS to assist in decision making for its authorizations.

- 2003 Final EIS Volume I (PDF) (43 MB)

- [2003 Final EIS Volume II \(PDF\) \(42 MB\)](#)

Annual Meetings and Annual Reports

Annual Meeting

Date: March 23, 2016

Time: 9:00 AM to Noon

Location: ADEC - Fairbanks Large Conference Room
610 University Drive, Fairbanks AK 99709

[Agenda \(PDF\)](#)

[Pogo Mine 2015 Annual Activity and Monitoring Report \(PDF\)](#)

[Appendix A: Maps \(PDF\)](#)

[Appendix B: Effluent Toxicity Testing \(WET\), Geochemistry, Flotation Solids Data \(PDF\)](#)

[Appendix C: Time Series Graphs of Monitoring Data \(PDF\)](#)

[Appendix D: Laboratory MDL Studies \(PDF\)](#)

[Appendix E: Whole Effluent Toxicity Testing \(WET\) Laboratory Reports \(PDF\)](#)

[Appendix F: Meteorological Monitoring Annual Data Report \(PDF\)](#)

[Appendix G: Excel file of 2015 Monitoring and Historic Data](#)

For a copy of Electronic Appendix H, please contact: DNR Large Mine Coordinator (see bottom of page)

Archive of Annual Meetings and Reports for prior years

For More Information Contact

State of Alaska Large Mine Permitting Team
Kyle Moselle
Large Mine Coordinator

Alaska Department of Natural Resources
Office of Project Management and Permitting
400 Willoughby Avenue, Suite 400
Juneau, AK 99801

Phone: (907) 465-6849

Fax: (907) 465-3886

Email: kyle.moselle@alaska.gov

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