ALAMOS GOLD INC.

YOUNG-DAVIDSON

TOXICs REDUCTION ACT PUBLIC ANNUAL SUMMARY REPORT REPORTING YEAR 2015

Basic Facility Information	
Company Name Facility Name Facility physical and mailing address	Alamos Gold Inc. Young-Davidson Mine Mine Site, Highway 566 PO Box 187 Matachewan, ON P0K 1M0
Spatial Coordinates of Facility	UTM Zone 17 524250 E, 5310450 N
NPRI and O. Reg 127/01 Identification numbers	NPRI ID 26132
Number of Employees (end of 2015 - full time equivalent)	575
2 digit NAICS code 4 Digit NAICS code 6 Digit NAICS code	21 - Mining & Oil and Gas Extraction 2122 - Metal Ore Mining 212220 - Gold & Silver Ore Mining
Facility public contact	Nancy Duquet-Harvey Environmental Superintendent Alamos Gold Young-Davidson Mine Address as per above 705.565.9800 ext 2223
Parent Company Information	Alamos Gold Inc. Suite 3910, 181 Bay Street Toronto, ON M5J 2T3 416.368.9932

List of All Substances for which Toxic Substance Reduction Plans have been Prepared at the Facility
The Facility has prepared Toxic Substance Reduction Plans for the following prescribed Toxic Substances:

- Arsenic
- Cadmium
- Chromium
- Cobalt
- Copper
- Lead
- Manganese
- Mercury
- Nickel
- Phosphorus
- Selenium
- Silver
- Zinc
- Thallium
- Antimony
- Vanadium
- Cyanides (Ionic)
- Hydrochloric Acid

- Carbon Disulphide
- Total Reduced Sulfur
- Nitrate ion
- Ammonia (total)
- Carbon Monoxide
- Nitrogen Oxides
- PM – Particulate Matter
- PM10 – Particulate Matter <= 10 micrometers
- PM2.5 – Particulate Matter <= 2.5 micrometers

Material Accounting Summary for Report Year 2015

Toxic Substance	CAS No.	Unit	Use	Creation	Contained in Product
Arsenic	N/A-2	kg	>10,000 to 100,000	0 to 1	>10,000 to 100,000
Cadmium	N/A-3	kg	>1,000 to 10,000	0 to 1	>100 to 1,000
Chromium	N/A-4	tonnes	>100 to 1,000	0 to 1	>1,000 to 10,000
Cobalt	N/A-5	tonnes	>10 to 100	0 to 1	>10 to 100
Copper	N/A-6	tonnes	>100 to 1,000	0 to 1	>100 to 1,000
Lead	N/A-8	kg	>100,000 to 1,000,000	0 to 1	>10,000 to 100,000
Manganese	N/A-9	tonnes	>1,000 to 10,000	0 to 1	>1,000 to 10,000
Mercury	N/A-15	kg	>10 to 100	0 to 1	0 to 1
Nickel	N/A-10	tonnes	>100 to 1,000	0 to 1	>10 to 100
Phosphorus (Total)	N/A-17	tonnes	>1,000 to 10,000	0 to 1	>1,000 to 10,000
Selenium	N/A-12	kg	>1,000 to 10,000	0 to 1	>1,000 to 10,000
Vanadium	7440-62-2	tonnes	>100 to 1,000	0 to 1	>100 to 1,000
Zinc	N/A-14	tonnes	>100 to 1,000	0 to 1	>10 to 100
Antimony	N/A-1	tonnes	>1 to 10	0 to 1	>1 to 10
Silver	N/A-13	tonnes	>1 to 10	0 to 1	>1 to 10
Thallium	N/A-16	kg	>1,000 to 10,000	0 to 1	>1,000 to 10,000
Cyanides	N/A-7	tonnes	>1,000 to 10,000	0 to 1	0 to 1
Hydrochloric Acid	7647-01-0	tonnes	>100 to 1,000	0 to 1	0 to 1
Carbon Disulphide	75-15-0	tonnes	0 to 1	>10 to 100	0 to 1
Total Reduced Sulphur	N/A-TRS	tonnes	0 to 1	>10 to 100	0 to 1
Nitrate Ion	N/A-11	tonnes	0 to 1	>1 to 10	0 to 1
Ammonia (Total)	N/A	tonnes	0 to 1	0 to 1	0 to 1
Carbon Monoxide	630-08-0	tonnes	0 to 1	>100 to 1,000	0 to 1
Nitrogen Oxides	11104-93-1	tonnes	0 to 1	>10 to 100	0 to 1
PM - Particulate Matter	N/A-M08	tonnes	0 to 1	>10 to 100	0 to 1
PM10 - Particulate Matter <=10 Micrometers	N/A-M09	tonnes	0 to 1	>10 to 100	0 to 1
PM2.5 - Particulate Matter <=2.5 Micrometers	N/A-M10	tonnes	0 to 1	>1 to 10	0 to 1

Comparison to Previous Year's Material Accounting

Toxic Substance	Change in Use	Comment if Change +/- 10%
Arsenic	-19%	No open pit operation in 2015 compared to half a year of production in previous year
Cadmium	-8%	
Chromium	5%	
Cobalt	5%	
Copper	3%	
Lead	-7%	
Manganese	5%	
Mercury	-23%	No open pit operation in 2015 compared to half a year of production in previous year
Nickel	5%	
Phosphorus (Total)	5%	
Selenium	-10%	No open pit operation in 2015 compared to half a year of production in previous year
Vanadium	5%	
Zinc	5%	
Antimony	5%	
Silver	5%	
Thallium	—	
Cyanides (Ionic)	-12%	Lower usage in process due to optimization
Hydrochloric Acid	-34%	Lower usage in process due to optimization
Carbon Disulphide	—	
Total Reduced Sulphur	—	
Nitrate Ion	—	
Ammonia (Total)	—	
Carbon Monoxide	—	
Nitrogen Oxides	—	
PM - Particulate Matter	—	
PM10 - Particulate Matter <=10 Micrometers	—	
PM2.5 - Particulate Matter <=2.5 Micrometers	—	

Toxic Substance	Change in Creation	Comment if Change +/- 10%
Arsenic	—	
Cadmium	—	
Chromium	—	
Cobalt	—	
Copper	—	
Lead	—	
Manganese	—	
Mercury	—	
Nickel	—	
Phosphorus (Total)	—	
Selenium	—	
Vanadium	—	
Zinc	—	
Antimony	—	
Silver	—	
Thallium	—	
Cyanides (Ionic)	—	
Hydrochloric Acid	—	
Carbon Disulphide	-14%	Lower creation due to lower usage in process. Process was optimized
Total Reduced Sulphur	-14%	Lower creation due to lower usage in process. Process was optimized
Nitrate Ion	-38%	Lower release due to a decrease in effluent discharge
Ammonia (Total)	-80%	Lower release due to a decrease in effluent discharge
Carbon Monoxide	0%	
Nitrogen Oxides	10%	Increase due propane and diesel consumption increase
PM - Particulate Matter	4%	
PM10 - Particulate Matter <=10 Micrometers	-27%	No open pit operation in 2015 compared to half a year of production in previous year
PM2.5 - Particulate Matter <=2.5 Micrometers	-43%	No open pit operation in 2015 compared to half a year of production in previous year

Toxic Substance	Change in Contained in Product	Comment if Change +/- 10%
Arsenic	>100%	Increase in waste rock utlized as product for site construction and increased pastebackfill production
Cadmium	>100%	Increase in waste rock utlized as product for site construction and increased pastebackfill production
Chromium	87%	Increase in pastebackfill production
Cobalt	87%	Increase in pastebackfill production
Copper	87%	Increase in pastebackfill production
Lead	>100%	Increase in waste rock utlized as product for site construction and increased pastebackfill production
Manganese	87%	Increase in pastebackfill production
Mercury	—	
Nickel	87%	Increase in pastebackfill production
Phosphorus (Total)	87%	Increase in pastebackfill production
Selenium	>100%	Increase in waste rock utlized as product for site construction and increased pastebackfill production
Vanadium	87%	Increase in pastebackfill production
Zinc	87%	Increase in pastebackfill production
Antimony	87%	Increase in pastebackfill production
Silver	87%	Increase in pastebackfill production
Thallium	>100%	Increase in waste rock utlized as product for site construction and increased pastebackfill production
Cyanides (Ionic)	—	
Hydrochloric Acid	—	
Carbon Disulphide	—	
Total Reduced Sulphur	—	
Nitrate Ion	—	
Ammonia (Total)	—	
Carbon Monoxide	—	
Nitrogen Oxides	—	
PM - Particulate Matter	—	
PM10 - Particulate Matter <=10 Micrometers	—	
PM2.5 - Particulate Matter <=2.5 Micrometers	—	

Comparison to Objectives Set Out in Current Version of the Toxic Substance Reduction Plan

Objectives are set out in the current version of the Toxic Substance Reduction Plan for two substances, Cyanides (ionic) and Hydrochloric Acid. The target was to reduce the cyanide use by 5% by the end of 2014 and the hydrochloric use by 50% by the end of 2014. Steps were completed in 2014 for the Hydrochloric Acid plan and no additional steps were taken in 2015. In 2015, the cyanide analyser was installed one year later than planned since target reduction had been met in 2014 through additional measures. A further 16% intensity based reduction was achieved compared to 2014.

Summary of Any Amendment Made to the Toxic Substance Reduction Plans

No amendments have been made to the plans.

Certifications

List of Toxic Substances Included in This Summary:

- Arsenic
- Cadmium
- Chromium
- Cobalt
- Copper
- Lead
- Manganese
- Mercury
- Nickel
- Phosphorus
- Selenium
- Silver
- Zinc
- Thallium
- Antimony
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Highest Ranking Employee

As of 01/06/2016, I, Luc Guimond, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Original on file

Luc Guimond, General Manager