NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

STATE OF NEVADA
Department of Conservation & Natural Resources
Steve Sisolak, *Governor*
Bradley Crowell, *Director*
Greg Lovato, *Administrator*

2024 Electronic Reporting Certification Form

Please complete a separate certification form for each electronic report submission.

Company Name:	**HYCROFT RESOURCES & DEVELOPMENT, LLC**
Permit Number(s):	**AP10410334.05, AP10412255, AP10412964**
Facility ID Number:	**A0390**
Facility Name:	**CROFOOT/LEWIS PROJECT**
Location Address:	**Off Jungo Road, 55 miles west of Winnemucca, Winnemucca, NV 89446**
Confirmation #:	

This form must be completed and signed by the responsible official of record representing the owner or operator of the source.

According to NAC 4458.156, Responsible Official is defined as:

1. **For a corporation: (A) president; (b) vice-president in charge of a principal business function; (c) secretary; (d) treasurer; (e) authorized representative of such a person who is responsible for the overall operation of the facility and who is designated in writing by an officer of the corporation and approved in advance by the Director.**
2. **For a partnership or sole proprietorship, a general partner or the proprietor, respectively.**
3. **For a municipality or a state, federal or other public agency, a ranking elected official or a principal executive officer, including, for a federal agency, a chief executive officer who has responsibility for the overall operations of a principal geographic unit of the agency.**
4. **For an affected source, the designated represenlive or his or her alternate, as defined in 42 U.S.C. 7651a(26).**

I hereby certify that the information and statements contained in this certification form, the emission inventory form and any supporting documents are true, accurate and complete. I am aware that knowingly making a false statement or misrepresenting the facts presented in these documents is violation of state law.

Responsible Official's Name:	**JOSEPH PRARY (INTERIM ENVIRONMENTAL MANAGER)**
Responsible Official's Signature:	
Date:	Feb. 28, 2025

After electronically submitting your emissions inventory report, please complete this certification form (one form for each electronic report submission.). Mail this form to the address below. A paper copy of the emissions report is not required.

Nevada Division of Environmental Protection
Bureau of Air Pollution Control
901 S Stewart St, Ste 4001
Carson City, NV 89701

If you have questions please contact NDEP:
Patrick Anderson: (775) 687-9351 or patricka@ndep.nv.gov.
Joshua Martinez: (775) 687-9367 or j.martinez@ndep.nv.gov.

Signature Page

Signed By

Joseph Prary

URL

https://sleis.ndep.nv.gov/Document/Sign

Agreement #1

I am the owner of the account used to perform the electronic submission and signature.

Agreement #2

I have the authority to submit the data on behalf of the facility I am representing.

Agreement #3

I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.

Agreement #4

I have reviewed the electronic report being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

Confirmation Number

S20250128145341-FA0390-R2024

SLEIS signed on: 1/28/2025 3:01:08 PM. See document signature for details.

2024 Emissions Inventory Report

CROFOOT/LEWIS PROJECT (A0390)

Emissions Summary

CRITERIA AIR POLLUTANT (CAP) EMISSIONS TOTALS

Pollutant Code/CAS #	Pollutant Name	Total Emissions (tons)*
CO	Carbon Monoxide	1.46431
NOX	Nitrogen Oxides	1.59
PM10-PRI	PM10 Primary (Filt + Cond)	0.05678
PM25-PRI	PM2.5 Primary (Filt + Cond)	0.05678
SO2	Sulfur Dioxide	0.00399
VOC	Volatile Organic Compounds	1.30971
PM	Particulate Matter	0.05678

HAZARDOUS AIR POLLUTANT (HAP) and/or OTHER POLLUTANT EMISSIONS TOTALS

Pollutant Code/CAS #	Pollutant Name	Is VOC/PM?	Total Emissions (tons)*
HAPs	HAP - Combined (UNKNOWN)	-	0.00002
75070	Acetaldehyde (HAP)	-	<.00001
107028	Acrolein (HAP)	-	<.00001
71432	Benzene (HAP)	-	0.00001
50000	Formaldehyde (HAP)	-	<.00001
91203	Naphthalene (HAP)	-	<.00001
108883	Toluene (HAP)	-	<.00001
1330207	Xylenes (Mixed Isomers) (HAP)	-	<.00001

EMISSIONS TOTALS

Total CAP Emissions (tons)*	Total HAP/OTHER Emissions (tons)*	Total Emissions (tons)*
4.53835	0.00003	4.53838

***Rounded to 5 digits past the decimal point. Note that where rounding results in 0, <.00001 is indicated.**

2024 Emissions Inventory Report

CROFOOT/LEWIS PROJECT (A0390)

FACILITY

Facility Identifier:	A0390	**Facility Name:**	CROFOOT/LEWIS PROJECT
Company/Owner Name:	HYCROFT RESOURCES & DEVELOPMENT, LLC		
Description:	[AP10410334.05], [AP10412255], [AP10412964]		
Status:	OP - Operating	**Status Year:**	
NAICS:	212220 (Primary) - Gold Ore and Silver Ore Mining		
Comments:			

CONTACTS

Emissions Contact:	Joseph Prary
Email	joseph.prary@hycroftmining.com
Permit Contact:	JOSEPH PRARY (ENVIRONMENTAL MANAGER)
Email	JOSEPH.PRARY@HYCROFTMINING.COM
Phone	(775) 333-0541

ADDRESS

Location Address:	Off Jungo Road, 55 miles west of Winnemucca Winnemucca, NV 89446	**Mailing Address:**	P.O. BOX 3030 WINNEMUCCA, NV 89446

LOCATION

Latitude (decimal degrees):	40.883583			**Longitude (decimal degrees):**	-118.695942
UTM X (meters):	357114.98414	**UTM Y (meters):**	4527218.12989	**UTM Zone:**	11
Collection Method:		**Data Collection Date:**			
Geographic Reference Point:		**Geodetic Reference System:**			

ADDITIONAL INFORMATION

Field Name	Field Value
Permit ID/Number(s)	[AP10410334.05], [AP10412255], [AP10412964]

RELEASE POINTS					
ID	**Type**	**Description**	**Status**	**Details**	**Location**
12386-20050	Vertical	LAND DISTURBANCE	OP	Height: 32.8 FEET, Shape: Circular, Diameter: 3.3 FEET, Temperature: 72.0 F, Flow Rate: 8.6 ACFM, Velocity: 1.0 FPM	Lat/Long: (40.879066, -118.685679), UTM X/Y/Z: (357970.031158, 4526699.972068, 11)
	Comment: Fugitive Emissions[Flow Rate derived based on specified Diameter and minimum Velocity of 1.0]				
12427-20118	Vertical	ASSAY LABORATORY	OP	Height: 32.8 FEET, Shape: Circular, Diameter: 3.3 FEET, Temperature: 72.0 F, Flow Rate: 8.6 ACFM, Velocity: 1.0 FPM	Lat/Long: (40.881844, -118.674356), UTM X/Y/Z: (358930.010928, 4526990.054969, 11)
	Comment: DM3.001 - DM3.057: 4.4797 lbs/yr[Flow Rate derived based on specified Diameter and minimum Velocity of 1.0]				
26709-58581	Vertical	MERCURY CO-PRODUCT COLLECTION	OP	Height: 32.8 FEET, Shape: Circular, Diameter: 3.3 FEET, Temperature: 72.0 F, Flow Rate: 8.6 ACFM, Velocity: 1.0 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: Hg Co-Product[Flow Rate derived based on specified Diameter and minimum Velocity of 1.0]				
37429-61712	Vertical	1,105 HP CAT EMERGENCY DIESEL GENERATOR	OP	Height: 6.8 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 945.0 F, Flow Rate: 1,734.62 ACFM, Velocity: 2,208.58678 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.008[Velocity derived based on specified Flow Rate and Diameter]				
37430-61713	Vertical	1,105 HP CAT EMERGENCY DIESEL GENERATOR	OP	Height: 6.8 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 945.0 F, Flow Rate: 1,734.62 ACFM, Velocity: 2,208.58678 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.009[Velocity derived based on specified Flow Rate and Diameter]				
37431-61714	Vertical	1,341 HP DELCO AC EMERGENCY DIESEL GENERATOR	OP	Height: 9.8 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 954.0 F, Flow Rate: 1,734.62 ACFM, Velocity: 2,208.58678 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.010[Velocity derived based on specified Flow Rate and Diameter]				
37432-61715	Vertical	9,408 GALLON GASOLINE STORAGE TANK	OP	Height: 32.8 FEET, Shape: Circular, Diameter: 3.3 FEET, Temperature: 72.0 F, Flow Rate: 8.6 ACFM, Velocity: 1.0 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.011: Stack parameters = defaults, see permit for tank specifications.[Flow Rate derived based on specified Diameter and minimum Velocity of 1.0]				
37433-61716	Vertical	REAGENT SILO #8 LOADING FROM RAILCARS	OP	Height: 50.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 1,314.76 ACFM, Velocity: 1,674.00442 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.400: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37434-61717	Vertical	REAGENT SILO #8 UNLOADING	OP	Height: 50.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 1,314.76 ACFM, Velocity: 1,674.00442 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)

ID	Type	Description	Status	Details	Location
	Comment: S2.401: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37435-61718	Fugitive Area	TRUCK DUMP TRANSFER TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.120				
37436-61719	Vertical	PRIMARY GYRO CRUSHER AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 30.0 FEET, Shape: Circular, Diameter: 3.0 FEET, Temperature: 72.0 F, Flow Rate: 21,998.85 ACFM, Velocity: 3,112.20064 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.101, S2.103, & S2.104[Velocity derived based on specified Flow Rate and Diameter]				
37436-61720	Vertical	APRON FEEDER TRANSFER TO STACKER FEED CONVEYOR	OP	Height: 30.0 FEET, Shape: Circular, Diameter: 3.0 FEET, Temperature: 72.0 F, Flow Rate: 21,998.85 ACFM, Velocity: 3,112.20064 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.101, S2.103, & S2.104[Velocity derived based on specified Flow Rate and Diameter]				
37436-61721	Vertical	STACKER FEED CONVEYOR TRANSFER TO STACKING CONVEYOR	OP	Height: 30.0 FEET, Shape: Circular, Diameter: 3.0 FEET, Temperature: 72.0 F, Flow Rate: 21,998.85 ACFM, Velocity: 3,112.20064 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.101, S2.103, & S2.104[Velocity derived based on specified Flow Rate and Diameter]				
37437-61722	Fugitive Area	STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.123				
37438-61725	Vertical	APRON FEEDER AF1-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.106: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37439-61726	Vertical	APRON FEEDER AF2-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.108: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37440-61727	Vertical	APRON FEEDER AF3-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.110: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37443-61728	Vertical	APRON FEEDER AF1-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.112: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				

ID	Type	Description	Status	Details	Location
37444-61729	Vertical	APRON FEEDER AF2-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.114: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37445-61730	Vertical	APRON FEEDER AF3-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	Height: 10.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 7,500.47 ACFM, Velocity: 4,244.39778 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.116: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37446-61731	Vertical	RECLAIM CONVEYOR RC1 TRANSFER TO CONVEYOR TC1	OP	Height: 20.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 12,499.73 ACFM, Velocity: 7,073.40024 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.117: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37447-61732	Vertical	RECLAIM CONVEYOR RC2 TRANSFER TO CONVEYOR TC1	OP	Height: 20.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 12,499.73 ACFM, Velocity: 7,073.40024 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.118: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37448-61733	Vertical	CONVEYOR TC1 TRANSFER TO CONVEYOR TC2	OP	Height: 20.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 12,499.73 ACFM, Velocity: 7,073.40024 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.119: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61734	Vertical	CONVEYOR TC2 TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61735	Vertical	SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61736	Vertical	SECONDARY SCREEN SS1 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61737	Vertical	SECONDARY CRUSHER SC1 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				

ID	Type	Description	Status	Details	Location
37449-61738	Vertical	SCREEN HOPPER 2 TRANSFER TO SCREEN FEED BELT BF2	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61739	Vertical	SECONDARY SCREEN SS2 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37449-61740	Vertical	SECONDARY CRUSHER SC2 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61741	Vertical	TERTIARY CRUSHER FEED CONVEYOR TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61742	Vertical	SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61743	Vertical	TERTIARY SCREEN TS1 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61744	Vertical	TERTIARY CRUSHER TC1 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61745	Vertical	SCREEN HOPPER 2 TRANSFER TO SCREEN BELT FEEDER BF2	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61746	Vertical	TERTIARY SCREEN TS2 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				

ID	Type	Description	Status	Details	Location
37450-61747	Vertical	TERTIARY CRUSHER TC2 AND ASSOCIATED TRANSFERS IN & OUT	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61748	Vertical	SCREEN PRODUCT CONVEYOR SPC1 TRANSFER TO SCREEN PRODUCT TRANSFER CONVEYOR	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37450-61749	Vertical	SCREEN PRODUCT TRANNSFER CONVEYOR TRANSFER TO CRUSH PRODUCT CONVEYOR CPC2	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 5.0 FEET, Temperature: 72.0 F, Flow Rate: 149,995.34 ACFM, Velocity: 7,639.19994 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37451-61750	Vertical	LIME/SODA ASH SILO #3 LOADING	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 750.21 ACFM, Velocity: 955.19704 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.155: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37452-61751	Fugitive Area	LIME/SODA ASH SILO #3 UNLOADING TO CRUSH PRODUCT CONVEYOR CPC2 VIA SCREW AUGER	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.134				
37453-61752	Vertical	CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR	OP	Height: 20.0 FEET, Shape: Circular, Diameter: 1.5 FEET, Temperature: 72.0 F, Flow Rate: 12,499.73 ACFM, Velocity: 7,073.40024 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.156: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37454-61753	Fugitive Area	TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.137				
37455-61754	Vertical	CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR	OP	Height: 20.0 FEET, Shape: Circular, Diameter: 2.0 FEET, Temperature: 72.0 F, Flow Rate: 15,000.48 ACFM, Velocity: 4,774.80108 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.161[Velocity derived based on specified Flow Rate and Diameter]				
37456-61755	Vertical	64 HP KOHLER EMERGENCY DIESEL GENERATOR	OP	Height: 12.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 778.0 F, Flow Rate: 330.22 ACFM, Velocity: 420.44916 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.163[Velocity derived based on specified Flow Rate and Diameter]				

ID	Type	Description	Status	Details	Location
37457-61756	Vertical	REAGENT SILO #1 LOADING	OP	Height: 50.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 1,314.76 ACFM, Velocity: 1,674.00442 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.004: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37458-61757	Fugitive Area	REAGENT SILO #1 UNLOADING	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.001				
37459-61758	Vertical	REAGENT SILO #2 LOADING	OP	Height: 50.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 1,314.76 ACFM, Velocity: 1,674.00442 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.005: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37460-61759	Fugitive Area	REAGENT SILO #2 UNLOADING	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.002				
37461-61760	Vertical	REAGENT SILO #6 LOADING	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 750.21 ACFM, Velocity: 955.19704 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.158: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37462-61761	Fugitive Area	REAGENT SILO #6 UNLOADING	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.138				
37463-61762	Vertical	REAGENT SILO #7 LOADING	OP	Height: 40.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 72.0 F, Flow Rate: 750.21 ACFM, Velocity: 955.19704 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.159: Temp. = ambient.[Velocity derived based on specified Flow Rate and Diameter]				
37464-61763	Fugitive Area	REAGENT SILO #7 UNLOADING	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.139				
37465-61764	Vertical	83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	OP	Height: 5.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 1,875.0 F, Flow Rate: 523.75 ACFM, Velocity: 666.85921 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.453[Velocity derived based on specified Flow Rate and Diameter]				
37466-61765	Vertical	83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	OP	Height: 6.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 1,033.0 F, Flow Rate: 490.03 ACFM, Velocity: 623.92557 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)

ID	Type	Description	Status	Details	Location
	Comment: S2.454[Velocity derived based on specified Flow Rate and Diameter]				
37467-61766	Vertical	9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	OP	Height: 2.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 155.43 ACFM, Velocity: 197.89962 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.455[Velocity derived based on specified Flow Rate and Diameter]				
37468-61767	Vertical	9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	OP	Height: 2.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 155.43 ACFM, Velocity: 197.89962 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.456[Velocity derived based on specified Flow Rate and Diameter]				
37469-61768	Fugitive Area	FINLAY TRIPLE DECK SCREEN AND ASSOCIATED TRANSFERS IN & OUT	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.005 & PF1.006				
37469-61769	Fugitive Area	FINLAY TRIPLE DECK SCREEN FINES SCREENING	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.005 & PF1.006				
37470-61770	Fugitive Area	FINLAY TC80 TRACK CONVEYOR TRANSFER TO STOCKPILE	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.140				
37471-61771	Fugitive Area	FINLAY TC65 TRACK CONVEYOR TRANSFER TO STOCKPILE	OP	Fugitive Height: 33.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: , Fugitive Angle:	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: PF1.141				
37472-61772	Vertical	FINLAY TRIPLE DECK SCREEN CATERPILLAR DIESEL GENERATOR	OP	Height: 10.4 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 1,063.0 F, Flow Rate: 1,707.06 ACFM, Velocity: 2,173.4963 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.022[Velocity derived based on specified Flow Rate and Diameter]				
37473-61773	Vertical	FINLAY TC80 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	OP	Height: 2.4 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 914.0 F, Flow Rate: 464.91 ACFM, Velocity: 591.9418 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.020[Velocity derived based on specified Flow Rate and Diameter]				
37474-61774	Vertical	FINLAY TC65 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	OP	Height: 2.4 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 914.0 F, Flow Rate: 464.91 ACFM, Velocity: 591.9418 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.021[Velocity derived based on specified Flow Rate and Diameter]				

ID	Type	Description	Status	Details	Location
37475-61775	Vertical	MERCURY RETORT #1 (TU4.001)	OP	Height: 12.6 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 25.0 ACFM, Velocity: 31.83099 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.001: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37476-61776	Vertical	MERCURY RETORT #2 (TU4.003)	OP	Height: 12.6 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 25.0 ACFM, Velocity: 31.83099 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.002: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37477-61777	Vertical	SMELTING FURNACE #1 (TU4.002)	OP	Height: 6.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 5,000.0 ACFM, Velocity: 6,366.19772 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.003: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37478-61778	Vertical	MERCURY RETORT #3 (TU4.004)	OP	Height: 32.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 35.5 ACFM, Velocity: 45.2 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.447: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37479-61779	Vertical	MERCURY RETORT #4 (TU4.005)	OP	Height: 32.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 35.5 ACFM, Velocity: 45.2 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.448: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37480-61780	Vertical	MERCURY RETORT #5 (TU4.006)	OP	Height: 32.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 80.0 F, Flow Rate: 35.5 ACFM, Velocity: 45.2 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.449: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37481-61781	Vertical	SMELTING FURNACE #2, ELECTRIC (TU4.007)	OP	Height: 30.0 FEET, Shape: Circular, Diameter: 2.0 FEET, Temperature: 172.0 F, Flow Rate: 8,965.0 ACFM, Velocity: 2,853.64813 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.450: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37482-61782	Vertical	SMELTING FURNACE #3, ELECTRIC (TU4.008)	OP	Height: 30.0 FEET, Shape: Circular, Diameter: 2.0 FEET, Temperature: 172.0 F, Flow Rate: 8,965.0 ACFM, Velocity: 2,853.64813 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: S2.451: Flow = dscfm.[Velocity derived based on specified Flow Rate and Diameter]				
37484-61783	Vertical	SURFACE AREA DISTURBANCE	OP	Height: 32.8 FEET, Shape: Circular, Diameter: 3.3 FEET, Temperature: 72.0 F, Flow Rate: 8.6 ACFM, Velocity: 1.0 FPM	Lat/Long: (39.695915, -116.86084), UTM X/Y/Z: (511931.181005, 4394016.899824, 11)
	Comment: Fugitive Emissions[Flow Rate derived based on specified Diameter and minimum Velocity of 1.0]				

CONTROL DEVICES				
ID	**Description**	**Status**	**Control Measure**	**Controlled Pollutants**
10929-20050-99		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%
10962-20118-99		OP	99 - Other Control Device	7439976-Mercury: 85.0%
22614-58581-99		OP	99 - Other Control Device	7439976-Mercury: 85.0%
28115-61712-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28115-61713-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28116-61714-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28117-61715-99		OP	99 - Other Control Device	VOC-Volatile Organic Compounds: 85.0%
28128-61751-54		OP	54 - Process Enclosed	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28132-61755-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28133-61757-54		OP	54 - Process Enclosed	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28134-61759-54		OP	54 - Process Enclosed	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%

ID	Description	Status	Control Measure	Controlled Pollutants
28135-61761-54		OP	54 - Process Enclosed	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28136-61763-54		OP	54 - Process Enclosed	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28137-61764-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28138-61765-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28139-61766-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, HAPs-HAP - Combined: 85.0%, PM-Particulate Matter: 85.0%
28139-61767-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, HAPs-HAP - Combined: 85.0%, PM-Particulate Matter: 85.0%
28143-61772-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28144-61773-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%

ID	Description	Status	Control Measure	Controlled Pollutants
28144-61774-99		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, 75070-Acetaldehyde: 85.0%, 107028-Acrolein: 85.0%, 71432-Benzene: 85.0%, 106990-1,3-Butadiene: 85.0%, 50000-Formaldehyde: 85.0%, 91203-Naphthalene: 85.0%, 108883-Toluene: 85.0%, 1330207-Xylenes (Mixed Isomers): 85.0%, PM-Particulate Matter: 85.0%
28147-61775-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28147-61776-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28148-61777-XX		OP	99 - Other Control Device	CO-Carbon Monoxide: 85.0%, NOX-Nitrogen Oxides: 85.0%, PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, SO2-Sulfur Dioxide: 85.0%, VOC-Volatile Organic Compounds: 85.0%, HAPs-HAP - Combined: 85.0%, PM-Particulate Matter: 85.0%
28149-61778-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28150-61779-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28151-61780-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28152-61781-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28153-61782-XX		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28155-61783-99		OP	99 - Other Control Device	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%
28118-61716-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28118-61717-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28119-61718-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28120-61719-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28120-61720-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%

ID	Description	Status	Control Measure	Controlled Pollutants
28120-61721-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28121-61725-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28121-61726-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28121-61727-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28122-61722-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28123-61728-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28123-61729-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28123-61730-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28124-61731-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28124-61732-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28125-61733-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61734-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61735-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61736-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61737-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61738-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61739-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28126-61740-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%

ID	Description	Status	Control Measure	Controlled Pollutants
28127-61741-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61742-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61743-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61744-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61745-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61746-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61747-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61748-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28127-61749-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28128-61750-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28129-61752-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28130-61753-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28131-61754-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28133-61756-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28134-61758-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28135-61760-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28136-61762-127		OP	127 - Fabric Filter / Baghouse	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28140-61768-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%

ID	Description	Status	Control Measure	Controlled Pollutants
28140-61769-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28141-61770-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%
28142-61771-217		OP	217 - Dust Suppression	PM10-PRI-PM10 Primary (Filt + Cond): 85.0%, PM25-PRI-PM2.5 Primary (Filt + Cond): 85.0%, PM-Particulate Matter: 85.0%

EMISSION UNITS				
ID	**Type**	**Description**	**Status**	**Details**
28115	160 - Reciprocating IC Engine	SYSTEM 08 - 1,105 HP CAT EMERGENCY GENERATORS [S2.008 & S2.009]	OP	Operation Start: , Design Capacity: 1,105.0 HP
	Comment: S2.008 & S2.009			
	Additional Information: Sequence Number: 1			
28147	690 - Other process equipment	SYSTEM 01 - MERCURY RETORTS #1 & #2 (ELECTRIC) [S2.001 & S2.002]	OP	Operation Start: , Design Capacity:
	Comment: S2.001 & S2.002			
	Additional Information: Sequence Number: 1			
28116	160 - Reciprocating IC Engine	SYSTEM 10 - 1,000 KW BRIMSTONE EMERGENCY GENERATOR [S2.010]	OP	Operation Start: , Design Capacity: 1,341.0 HP
	Comment: S2.010			
	Additional Information: Sequence Number: 2			
28148	200 - Furnace	SYSTEM 02 - SMELTING FURNACE #1 [S2.003]	OP	Operation Start: , Design Capacity:
	Comment: S2.003			
	Additional Information: Sequence Number: 2			
28117	400 - Storage Tank	SYSTEM 11 - 9,408 GALLON GASOLINE TANK [S2.011]	OP	Operation Start: , Design Capacity:
	Comment: S2.011			
	Additional Information: Sequence Number: 3			
28149	690 - Other process equipment	SYSTEM M24 - MERCURY RETORT #3 [S2.447]	OP	Operation Start: , Design Capacity:
	Comment: S2.447			
	Additional Information: Sequence Number: 3			
28118	780 - Silo	SYSTEM M06 - REAGENT SILO #8 [S2.400 & S2.401]	OP	Operation Start: , Design Capacity:
	Comment: S2.400 & S2.401			
	Additional Information: Sequence Number: 4			
28150	690 - Other process equipment	SYSTEM M25 - MERCURY RETORT #4 [S2.448]	OP	Operation Start: , Design Capacity:
	Comment: S2.448			
	Additional Information: Sequence Number: 4			

ID	Type	Description	Status	Details
28119	770 - Transfer Point	SYSTEM G01 - TRUCK DUMP TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER [PF1.120]	OP	Operation Start: , Design Capacity:
	Comment: PF1.120			
	Additional Information: Sequence Number: 5			
28151	690 - Other process equipment	SYSTEM M26 - MERCURY RETORT #5 [S2.449]	OP	Operation Start: , Design Capacity:
	Comment: S2.449			
	Additional Information: Sequence Number: 5			
28120	720 - Crusher	SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	OP	Operation Start: , Design Capacity:
	Comment: S2.101, S2.103, & S2.104			
	Additional Information: Sequence Number: 6			
28152	200 - Furnace	SYSTEM M27 - SMELTING FURNACE #2 (ELECTRIC) [S2.450]	OP	Operation Start: , Design Capacity:
	Comment: S2.450			
	Additional Information: Sequence Number: 6			
28122	770 - Transfer Point	SYSTEM G04 - STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE [PF1.123]	OP	Operation Start: , Design Capacity:
	Comment: PF1.123			
	Additional Information: Sequence Number: 7			
28153	200 - Furnace	SYSTEM M28 - SMELTING FURNACE #3 (ELECTRIC) [S2.451]	OP	Operation Start: , Design Capacity:
	Comment: S2.451			
	Additional Information: Sequence Number: 7			
28121	770 - Transfer Point	SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	OP	Operation Start: , Design Capacity:
	Comment: S2.106, S2.108, & S2.110			
	Additional Information: Sequence Number: 8			
22614	999 - Unclassified	MERCURY CO-PRODUCT [Hg Co-Product]	OP	Operation Start: , Design Capacity:
	Comment: Hg Co-Product			
	Additional Information: Sequence Number: 9			

ID	Type	Description	Status	Details
28123	770 - Transfer Point	SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	OP	Operation Start: , Design Capacity:
	Comment: S2.112, S2.114, & S2.116			
	Additional Information: Sequence Number: 9			
28155	300 - Open Air Fugitive Source	SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	OP	Operation Start: , Design Capacity:
	Comment: Fugitive Emissions			
	Additional Information: Sequence Number: 9			
10962	690 - Other process equipment	DE MINIMIS DESIGNATION [DM3.001 - DM3.057]	OP	Operation Start: , Design Capacity:
	Comment: DM3.001 - DM3.057: 4.4797 lbs/yr			
	Additional Information: Sequence Number: 10			
28124	770 - Transfer Point	SYSTEM G07 - ORE CONVEYING TO TRANSFER CONVEYOR TC1 [S2.117 & S2.118]	OP	Operation Start: , Design Capacity:
	Comment: S2.117 & S2.118			
	Additional Information: Sequence Number: 10			
28125	770 - Transfer Point	SYSTEM G08 - ORE CONVEYING TO TRANSFER CONVEYOR TC2 [S2.119]	OP	Operation Start: , Design Capacity:
	Comment: S2.119			
	Additional Information: Sequence Number: 11			
28126	720 - Crusher	SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	OP	Operation Start: , Design Capacity:
	Comment: S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135			
	Additional Information: Sequence Number: 12			
28127	720 - Crusher	SYSTEM G10 - TERTIARY CRUSHING	OP	Operation Start: , Design Capacity:
	Comment: S2.137, S2.138, S2.140, S2.144, S2.146, S2.148, S2.152, S2.154, & S2.162			
	Additional Information: Sequence Number: 13			
28128	770 - Transfer Point	SYSTEM G11 - LIME/SODA ASH SILO #3 [S2.155 & PF1.134]	OP	Operation Start: , Design Capacity:
	Comment: S2.155 & PF1.134			
	Additional Information: Sequence Number: 14			

ID	Type	Description	Status	Details
28129	770 - Transfer Point	SYSTEM G12 - CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR [S2.156]	OP	Operation Start: , Design Capacity:
	Comment: S2.156			
	Additional Information: Sequence Number: 15			
28130	770 - Transfer Point	SYSTEM G14 - TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE [PF1.137]	OP	Operation Start: , Design Capacity:
	Comment: PF1.137			
	Additional Information: Sequence Number: 16			
28131	770 - Transfer Point	SYSTEM G18 - CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR [S2.161]	OP	Operation Start: , Design Capacity:
	Comment: S2.161			
	Additional Information: Sequence Number: 17			
28132	160 - Reciprocating IC Engine	SYSTEM G19 - 64 HP COMMUNICATION EMERGENCY GENERATOR [S2.163]	OP	Operation Start: , Design Capacity: 64.0 HP
	Comment: S2.163			
	Additional Information: Sequence Number: 18			
28133	780 - Silo	SYSTEM 03 - REAGENT SILO #1 [S2.004 & PF1.001]	OP	Operation Start: , Design Capacity:
	Comment: S2.004 & PF1.001			
	Additional Information: Sequence Number: 19			
28134	780 - Silo	SYSTEM 04 - REAGENT SILO #2 [S2.005 & PF1.002]	OP	Operation Start: , Design Capacity:
	Comment: S2.005 & PF1.002			
	Additional Information: Sequence Number: 20			
28135	780 - Silo	SYSTEM G15 - REAGENT SILO #6 [S2.158 & PF1.138]	OP	Operation Start: , Design Capacity:
	Comment: S2.158 & PF1.138			
	Additional Information: Sequence Number: 21			
28136	780 - Silo	SYSTEM G16 - REAGENT SILO #7 [S2.159 & PF1.139]	OP	Operation Start: , Design Capacity:
	Comment: S2.159 & PF1.139			

ID	Type	Description	Status	Details
	Additional Information: Sequence Number: 22			
28137	160 - Reciprocating IC Engine	SYSTEM L01 - FIRE PUMP EMERGENCY GENERATOR (LOWER PUMP HOUSE) [S2.453]	OP	Operation Start: , Design Capacity: 83.0 HP
	Comment: S2.453			
	Additional Information: Sequence Number: 23			
28138	160 - Reciprocating IC Engine	SYSTEM L02 - FIRE PUMP EMERGENCY GENERATOR (UPPER PUMP HOUSE) [S2.454]	OP	Operation Start: , Design Capacity: 83.0 HP
	Comment: S2.454			
	Additional Information: Sequence Number: 24			
28139	100 - Boiler	SYSTEM L03 - 9.4 HP COMMUNICATION EMERGENCY GENERATORS [S2.455 & S2.456]	OP	Operation Start: , Design Capacity: 9.4 HP
	Comment: S2.455 & S2.456			
	Additional Information: Sequence Number: 25			
28140	740 - Screen	SYSTEM SP01 - SCREENING [PF1.005 & PF1.006]	OP	Operation Start: , Design Capacity:
	Comment: PF1.005 & PF1.006			
	Additional Information: Sequence Number: 26			
28141	770 - Transfer Point	SYSTEM SP02 - CONVEYOR TRANSFER [PF1.140]	OP	Operation Start: , Design Capacity:
	Comment: PF1.140			
	Additional Information: Sequence Number: 27			
28142	770 - Transfer Point	SYSTEM SP06 - CONVEYOR TRANSFER [PF1.141]	OP	Operation Start: , Design Capacity:
	Comment: PF1.141			
	Additional Information: Sequence Number: 28			
28143	160 - Reciprocating IC Engine	SYSTEM SP05 - FINLAY THREE-DECK SCREEN GENERATOR (CATERPILLAR) [S2.022]	OP	Operation Start: , Design Capacity:
	Comment: S2.022			
	Additional Information: Sequence Number: 29			
28144	160 - Reciprocating IC Engine	SYSTEM SP03-04 - 60 HP GENERATORS (DEUTZ) [S2.020 & S2.021]	OP	Operation Start: , Design Capacity: 60.0 HP
	Comment: S2.020 & S2.021			

ID	Type	Description	Status	Details
	Additional Information: Sequence Number: 30			
10929	300 - Open Air Fugitive Source	SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	OP	Operation Start: , Design Capacity:
	Comment: Fugitive Emissions			
	Additional Information: Sequence Number: 31			

UNIT PROCESSES					
Emission Unit ID	**Unit Process ID**	**SCC**	**Description**	**Status**	**Details**
28115 SYSTEM 08 - 1,105 HP CAT EMERGENCY GENERATORS [S2.008 & S2.009]	61712	20200401	[S2.008] 1,105 HP CAT EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28115-61712-99 **Release Point Apportionment:** 37429-61712 - 1,105 HP CAT EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.008				
28115 SYSTEM 08 - 1,105 HP CAT EMERGENCY GENERATORS [S2.008 & S2.009]	61713	20200401	[S2.009] 1,105 HP CAT EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28115-61713-99 **Release Point Apportionment:** 37430-61713 - 1,105 HP CAT EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.009				
28147 SYSTEM 01 - MERCURY RETORTS #1 & #2 (ELECTRIC) [S2.001 & S2.002]	61775	30301308	[S2.001] MERCURY RETORT #1 (TU4.001)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28147-61775-XX **Release Point Apportionment:** 37475-61775 - MERCURY RETORT #1 (TU4.001): 100.0%
	Comment: TU4.001. S2.001				
28147 SYSTEM 01 - MERCURY RETORTS #1 & #2 (ELECTRIC) [S2.001 & S2.002]	61776	30301308	[S2.002] MERCURY RETORT #2 (TU4.003)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28147-61776-XX **Release Point Apportionment:** 37476-61776 - MERCURY RETORT #2 (TU4.003): 100.0%
	Comment: TU4.003. S2.002				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28116 SYSTEM 10 - 1,000 KW BRIMSTONE EMERGENCY GENERATOR [S2.010]	61714	20200401	[S2.010] 1,341 HP DELCO AC EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28116-61714-99 **Release Point Apportionment:** 37431-61714 - 1,341 HP DELCO AC EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.010				
28148 SYSTEM 02 - SMELTING FURNACE #1 [S2.003]	61777	30301309	[S2.003] SMELTING FURNACE #1 (TU4.002)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28148-61777-XX **Release Point Apportionment:** 37477-61777 - SMELTING FURNACE #1 (TU4.002): 100.0%
	Comment: TU4.002. S2.003				
28117 SYSTEM 11 - 9,408 GALLON GASOLINE TANK [S2.011]	61715	39090012	[S2.011] 9,408 GALLON GASOLINE STORAGE TANK	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28117-61715-99 **Release Point Apportionment:** 37432-61715 - 9,408 GALLON GASOLINE STORAGE TANK: 100.0%
	Comment: S2.011				
28149 SYSTEM M24 - MERCURY RETORT #3 [S2.447]	61778	30301308	[S2.447] MERCURY RETORT #3 (TU4.004)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28149-61778-XX **Release Point Apportionment:** 37478-61778 - MERCURY RETORT #3 (TU4.004): 100.0%
	Comment: TU4.004. S2.447				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28118 SYSTEM M06 - REAGENT SILO #8 [S2.400 & S2.401]	61716	30501117	[S2.400] REAGENT SILO #8 LOADING FROM RAILCARS	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28118-61716-127 **Release Point Apportionment:** 37433-61716 - REAGENT SILO #8 LOADING FROM RAILCARS: 100.0%
	Comment: S2.400				
28118 SYSTEM M06 - REAGENT SILO #8 [S2.400 & S2.401]	61717	30501110	[S2.401] REAGENT SILO #8 UNLOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28118-61717-127 **Release Point Apportionment:** 37434-61717 - REAGENT SILO #8 UNLOADING: 100.0%
	Comment: S2.401				
28150 SYSTEM M25 - MERCURY RETORT #4 [S2.448]	61779	30301308	[S2.448] MERCURY RETORT #4 (TU4.005)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28150-61779-XX **Release Point Apportionment:** 37479-61779 - MERCURY RETORT #4 (TU4.005): 100.0%
	Comment: TU4.005. S2.448				
28119 SYSTEM G01 - TRUCK DUMP TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER [PF1.120]	61718	30302408	[PF1.120] TRUCK DUMP TRANSFER TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28119-61718-217 **Release Point Apportionment:** 37435-61718 - TRUCK DUMP TRANSFER TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER: 100.0%
	Comment: PF1.120				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28151 SYSTEM M26 - MERCURY RETORT #5 [S2.449]	61780	30301308	[S2.449] MERCURY RETORT #5 (TU4.006)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28151-61780-XX **Release Point Apportionment:** 37480-61780 - MERCURY RETORT #5 (TU4.006): 100.0%
	Comment: TU4.006. S2.449				
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61719	30302401	[S2.101] PRIMARY GYRO CRUSHER AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28120-61719-127 **Release Point Apportionment:** 37436-61719 - PRIMARY GYRO CRUSHER AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.101				
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61720	30302401	[S2.103] APRON FEEDER TRANSFER TO STACKER FEED CONVEYOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28120-61720-127 **Release Point Apportionment:** 37436-61720 - APRON FEEDER TRANSFER TO STACKER FEED CONVEYOR: 100.0%
	Comment: S2.103				
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61721	30302401	[S2.104] STACKER FEED CONVEYOR TRANSFER TO STACKING CONVEYOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28120-61721-127 **Release Point Apportionment:** 37436-61721 - STACKER FEED CONVEYOR TRANSFER TO STACKING CONVEYOR: 100.0%
	Comment: S2.104				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28152 SYSTEM M27 - SMELTING FURNACE #2 (ELECTRIC) [S2.450]	61781	30301309	[S2.450] SMELTING FURNACE #2, ELECTRIC (TU4.007)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28152-61781-XX **Release Point Apportionment:** 37481-61781 - SMELTING FURNACE #2, ELECTRIC (TU4.007): 100.0%
	Comment: TU4.007. S2.450				
28122 SYSTEM G04 - STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE [PF1.123]	61722	30302408	[PF1.123] STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28122-61722-217 **Release Point Apportionment:** 37437-61722 - STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE: 100.0%
	Comment: PF1.123				
28153 SYSTEM M28 - SMELTING FURNACE #3 (ELECTRIC) [S2.451]	61782	30301309	[S2.451] SMELTING FURNACE #3, ELECTRIC (TU4.008)	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28153-61782-XX **Release Point Apportionment:** 37482-61782 - SMELTING FURNACE #3, ELECTRIC (TU4.008): 100.0%
	Comment: TU4.008. S2.451				
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61725	30302408	[S2.106] APRON FEEDER AF1-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28121-61725-127 **Release Point Apportionment:** 37438-61725 - APRON FEEDER AF1-A TRANSFER TO RECLAIM CONVEYOR RC1: 100.0%
	Comment: S2.106				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61726	30302408	[S2.108] APRON FEEDER AF2-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28121-61726-127 **Release Point Apportionment:** 37439-61726 - APRON FEEDER AF2-A TRANSFER TO RECLAIM CONVEYOR RC1: 100.0%
	Comment: S2.108				
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61727	30302408	[S2.110] APRON FEEDER AF3-A TRANSFER TO RECLAIM CONVEYOR RC1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28121-61727-127 **Release Point Apportionment:** 37440-61727 - APRON FEEDER AF3-A TRANSFER TO RECLAIM CONVEYOR RC1: 100.0%
	Comment: S2.110				
22614 MERCURY CO-PRODUCT [Hg Co-Product]	58581	50400151	MERCURY CO-PRODUCT COLLECTION	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 22614-58581-99 **Release Point Apportionment:** 26709-58581 - MERCURY CO-PRODUCT COLLECTION: 100.0%
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61728	30302408	[S2.112] APRON FEEDER AF1-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28123-61728-127 **Release Point Apportionment:** 37443-61728 - APRON FEEDER AF1-B TRANSFER TO RECLAIM CONVEYOR RC2: 100.0%
	Comment: S2.112				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61729	30302408	[S2.114] APRON FEEDER AF2-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28123-61729-127 **Release Point Apportionment:** 37444-61729 - APRON FEEDER AF2-B TRANSFER TO RECLAIM CONVEYOR RC2: 100.0%
	Comment: S2.114				
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61730	30302408	[S2.116] APRON FEEDER AF3-B TRANSFER TO RECLAIM CONVEYOR RC2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28123-61730-127 **Release Point Apportionment:** 37445-61730 - APRON FEEDER AF3-B TRANSFER TO RECLAIM CONVEYOR RC2: 100.0%
	Comment: S2.116				
28155 SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	61783	31100299	[Fugitive Emissions] SURFACE AREA DISTURBANCE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28155-61783-99 **Release Point Apportionment:** 37484-61783 - SURFACE AREA DISTURBANCE: 100.0%
	Comment: Fugitive Emissions				
10962 DE MINIMIS DESIGNATION [DM3.001 - DM3.057]	20118	30301301	[DM3.001 - DM3.057] ASSAY LABORATORY	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 10962-20118-99 **Release Point Apportionment:** 12427-20118 - ASSAY LABORATORY: 100.0%
	Comment: DM3.001 - DM3.057: 4.4797 lbs/yr				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28124 SYSTEM G07 - ORE CONVEYING TO TRANSFER CONVEYOR TC1 [S2.117 & S2.118]	61731	30302408	[S2.117] RECLAIM CONVEYOR RC1 TRANSFER TO CONVEYOR TC1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28124-61731-127 **Release Point Apportionment:** 37446-61731 - RECLAIM CONVEYOR RC1 TRANSFER TO CONVEYOR TC1: 100.0%
	Comment: S2.117				
28124 SYSTEM G07 - ORE CONVEYING TO TRANSFER CONVEYOR TC1 [S2.117 & S2.118]	61732	30302408	[S2.118] RECLAIM CONVEYOR RC2 TRANSFER TO CONVEYOR TC1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28124-61732-127 **Release Point Apportionment:** 37447-61732 - RECLAIM CONVEYOR RC2 TRANSFER TO CONVEYOR TC1: 100.0%
	Comment: S2.118				
28125 SYSTEM G08 - ORE CONVEYING TO TRANSFER CONVEYOR TC2 [S2.119]	61733	30302408	[S2.119] CONVEYOR TC1 TRANSFER TO CONVEYOR TC2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28125-61733-127 **Release Point Apportionment:** 37448-61733 - CONVEYOR TC1 TRANSFER TO CONVEYOR TC2: 100.0%
	Comment: S2.119				
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61734	30302402	[S2.120] CONVEYOR TC2 TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61734-127 **Release Point Apportionment:** 37449-61734 - CONVEYOR TC2 TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER: 100.0%
	Comment: S2.120				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61735	30302402	[S2.121] SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61735-127 **Release Point Apportionment:** 37449-61735 - SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1: 100.0%
	Comment: S2.121				
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61736	30302402	[S2.123] SECONDARY SCREEN SS1 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61736-127 **Release Point Apportionment:** 37449-61736 - SECONDARY SCREEN SS1 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.123				
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61737	30302402	[S2.127] SECONDARY CRUSHER SC1 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61737-127 **Release Point Apportionment:** 37449-61737 - SECONDARY CRUSHER SC1 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.127				
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61738	30302402	[S2.129] SCREEN HOPPER 2 TRANSFER TO SCREEN FEED BELT BF2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61738-127 **Release Point Apportionment:** 37449-61738 - SCREEN HOPPER 2 TRANSFER TO SCREEN FEED BELT BF2: 100.0%
	Comment: S2.129				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61739	30302402	[S2.131] SECONDARY SCREEN SS2 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61739-127 **Release Point Apportionment:** 37449-61739 - SECONDARY SCREEN SS2 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.131				
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61740	30302402	[S2.135] SECONDARY CRUSHER SC2 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28126-61740-127 **Release Point Apportionment:** 37449-61740 - SECONDARY CRUSHER SC2 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.135				
28127 SYSTEM G10 - TERTIARY CRUSHING	61741	30302403	[S2.137] TERTIARY CRUSHER FEED CONVEYOR TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61741-127 **Release Point Apportionment:** 37450-61741 - TERTIARY CRUSHER FEED CONVEYOR TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER: 100.0%
	Comment: S2.137				
28127 SYSTEM G10 - TERTIARY CRUSHING	61742	30302403	[S2.138] SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61742-127 **Release Point Apportionment:** 37450-61742 - SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1: 100.0%
	Comment: S2.138				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28127 SYSTEM G10 - TERTIARY CRUSHING	61743	30302403	[S2.140] TERTIARY SCREEN TS1 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61743-127 **Release Point Apportionment:** 37450-61743 - TERTIARY SCREEN TS1 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.140				
28127 SYSTEM G10 - TERTIARY CRUSHING	61744	30302403	[S2.144] TERTIARY CRUSHER TC1 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61744-127 **Release Point Apportionment:** 37450-61744 - TERTIARY CRUSHER TC1 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.144				
28127 SYSTEM G10 - TERTIARY CRUSHING	61745	30302403	[S2.146] SCREEN HOPPER 2 TRANSFER TO SCREEN BELT FEEDER BF2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61745-127 **Release Point Apportionment:** 37450-61745 - SCREEN HOPPER 2 TRANSFER TO SCREEN BELT FEEDER BF2: 100.0%
	Comment: S2.146				
28127 SYSTEM G10 - TERTIARY CRUSHING	61746	30302403	[S2.148] TERTIARY SCREEN TS2 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61746-127 **Release Point Apportionment:** 37450-61746 - TERTIARY SCREEN TS2 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.148				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28127 SYSTEM G10 - TERTIARY CRUSHING	61747	30302403	[S2.152] TERTIARY CRUSHER TC2 AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61747-127 **Release Point Apportionment:** 37450-61747 - TERTIARY CRUSHER TC2 AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: S2.152				
28127 SYSTEM G10 - TERTIARY CRUSHING	61748	30302403	[S2.154] SCREEN PRODUCT CONVEYOR SPC1 TRANSFER TO SCREEN PRODUCT TRANSFER CONVEYOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61748-127 **Release Point Apportionment:** 37450-61748 - SCREEN PRODUCT CONVEYOR SPC1 TRANSFER TO SCREEN PRODUCT TRANSFER CONVEYOR: 100.0%
	Comment: S2.154				
28127 SYSTEM G10 - TERTIARY CRUSHING	61749	30302403	[S2.162] SCREEN PRODUCT TRANNSFER CONVEYOR TRANSFER TO CRUSH PRODUCT CONVEYOR CPC2	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28127-61749-127 **Release Point Apportionment:** 37450-61749 - SCREEN PRODUCT TRANNSFER CONVEYOR TRANSFER TO CRUSH PRODUCT CONVEYOR CPC2: 100.0%
	Comment: S2.162				
28128 SYSTEM G11 - LIME/SODA ASH SILO #3 [S2.155 & PF1.134]	61750	30501107	[S2.155] LIME/SODA ASH SILO #3 LOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28128-61750-127 **Release Point Apportionment:** 37451-61750 - LIME/SODA ASH SILO #3 LOADING: 100.0%
	Comment: S2.155				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28128 SYSTEM G11 - LIME/SODA ASH SILO #3 [S2.155 & PF1.134]	61751	30501110	[PF1.134] LIME/SODA ASH SILO #3 UNLOADING TO CRUSH PRODUCT CONVEYOR CPC2 VIA SCREW AUGER	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28128-61751-54 **Release Point Apportionment:** 37452-61751 - LIME/SODA ASH SILO #3 UNLOADING TO CRUSH PRODUCT CONVEYOR CPC2 VIA SCREW AUGER: 100.0%
	Comment: PF1.134				
28129 SYSTEM G12 - CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR [S2.156]	61752	30302408	[S2.156] CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28129-61752-127 **Release Point Apportionment:** 37453-61752 - CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR: 100.0%
	Comment: S2.156				
28130 SYSTEM G14 - TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE [PF1.137]	61753	30302408	[PF1.137] TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28130-61753-217 **Release Point Apportionment:** 37454-61753 - TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE: 100.0%
	Comment: PF1.137				
28131 SYSTEM G18 - CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR [S2.161]	61754	30302408	[S2.161] CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28131-61754-127 **Release Point Apportionment:** 37455-61754 - CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR: 100.0%
	Comment: S2.161				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28132 SYSTEM G19 - 64 HP COMMUNICATION EMERGENCY GENERATOR [S2.163]	61755	20300101	[S2.163] 64 HP KOHLER EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28132-61755-99 **Release Point Apportionment:** 37456-61755 - 64 HP KOHLER EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.163				
28133 SYSTEM 03 - REAGENT SILO #1 [S2.004 & PF1.001]	61756	30501117	[S2.004] REAGENT SILO #1 LOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28133-61756-127 **Release Point Apportionment:** 37457-61756 - REAGENT SILO #1 LOADING: 100.0%
	Comment: S2.004				
28133 SYSTEM 03 - REAGENT SILO #1 [S2.004 & PF1.001]	61757	30501110	[PF1.001] REAGENT SILO #1 UNLOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28133-61757-54 **Release Point Apportionment:** 37458-61757 - REAGENT SILO #1 UNLOADING: 100.0%
	Comment: PF1.001				
28134 SYSTEM 04 - REAGENT SILO #2 [S2.005 & PF1.002]	61758	30501117	[S2.005] REAGENT SILO #2 LOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28134-61758-127 **Release Point Apportionment:** 37459-61758 - REAGENT SILO #2 LOADING: 100.0%
	Comment: S2.005				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28134 SYSTEM 04 - REAGENT SILO #2 [S2.005 & PF1.002]	61759	30501110	[PF1.002] REAGENT SILO #2 UNLOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28134-61759-54 **Release Point Apportionment:** 37460-61759 - REAGENT SILO #2 UNLOADING: 100.0%
	Comment: PF1.002				
28135 SYSTEM G15 - REAGENT SILO #6 [S2.158 & PF1.138]	61760	30501117	[S2.158] REAGENT SILO #6 LOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28135-61760-127 **Release Point Apportionment:** 37461-61760 - REAGENT SILO #6 LOADING: 100.0%
	Comment: S2.158				
28135 SYSTEM G15 - REAGENT SILO #6 [S2.158 & PF1.138]	61761	30501110	[PF1.138] REAGENT SILO #6 UNLOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28135-61761-54 **Release Point Apportionment:** 37462-61761 - REAGENT SILO #6 UNLOADING: 100.0%
	Comment: PF1.138				
28136 SYSTEM G16 - REAGENT SILO #7 [S2.159 & PF1.139]	61762	30501117	[S2.159] REAGENT SILO #7 LOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28136-61762-127 **Release Point Apportionment:** 37463-61762 - REAGENT SILO #7 LOADING: 100.0%
	Comment: S2.159				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28136 SYSTEM G16 - REAGENT SILO #7 [S2.159 & PF1.139]	61763	30501110	[PF1.139] REAGENT SILO #7 UNLOADING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28136-61763-54 **Release Point Apportionment:** 37464-61763 - REAGENT SILO #7 UNLOADING: 100.0%
	Comment: PF1.139				
28137 SYSTEM L01 - FIRE PUMP EMERGENCY GENERATOR (LOWER PUMP HOUSE) [S2.453]	61764	20300101	[S2.453] 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28137-61764-99 **Release Point Apportionment:** 37465-61764 - 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.453				
28138 SYSTEM L02 - FIRE PUMP EMERGENCY GENERATOR (UPPER PUMP HOUSE) [S2.454]	61765	20300101	[S2.454] 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28138-61765-99 **Release Point Apportionment:** 37466-61765 - 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR: 100.0%
	Comment: S2.454				
28139 SYSTEM L03 - 9.4 HP COMMUNICATION EMERGENCY GENERATORS [S2.455 & S2.456]	61766	10301002	[S2.455] 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28139-61766-99 **Release Point Apportionment:** 37467-61766 - 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR: 100.0%
	Comment: S2.455				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28139 SYSTEM L03 - 9.4 HP COMMUNICATION EMERGENCY GENERATORS [S2.455 & S2.456]	61767	10301002	[S2.456] 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28139-61767-99 **Release Point Apportionment:** 37468-61767 - 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR: 100.0%
	Comment: S2.456				
28140 SYSTEM SP01 - SCREENING [PF1.005 & PF1.006]	61768	30502002	[PF1.005] FINLAY TRIPLE DECK SCREEN AND ASSOCIATED TRANSFERS IN & OUT	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28140-61768-217 **Release Point Apportionment:** 37469-61768 - FINLAY TRIPLE DECK SCREEN AND ASSOCIATED TRANSFERS IN & OUT: 100.0%
	Comment: PF1.005				
28140 SYSTEM SP01 - SCREENING [PF1.005 & PF1.006]	61769	30502021	[PF1.006] FINLAY TRIPLE DECK SCREEN FINES SCREENING	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28140-61769-217 **Release Point Apportionment:** 37469-61769 - FINLAY TRIPLE DECK SCREEN FINES SCREENING: 100.0%
	Comment: PF1.006				
28141 SYSTEM SP02 - CONVEYOR TRANSFER [PF1.140]	61770	30502006	[PF1.140] FINLAY TC80 TRACK CONVEYOR TRANSFER TO STOCKPILE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28141-61770-217 **Release Point Apportionment:** 37470-61770 - FINLAY TC80 TRACK CONVEYOR TRANSFER TO STOCKPILE: 100.0%
	Comment: PF1.140				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
28142 SYSTEM SP06 - CONVEYOR TRANSFER [PF1.141]	61771	30502006	[PF1.141] FINLAY TC65 TRACK CONVEYOR TRANSFER TO STOCKPILE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28142-61771-217 **Release Point Apportionment:** 37471-61771 - FINLAY TC65 TRACK CONVEYOR TRANSFER TO STOCKPILE: 100.0%
	Comment: PF1.141				
28143 SYSTEM SP05 - FINLAY THREE-DECK SCREEN GENERATOR (CATERPILLAR) [S2.022]	61772	20200102	[S2.022] FINLAY TRIPLE DECK SCREEN CATERPILLAR DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28143-61772-99 **Release Point Apportionment:** 37472-61772 - FINLAY TRIPLE DECK SCREEN CATERPILLAR DIESEL GENERATOR: 100.0%
	Comment: S2.022				
28144 SYSTEM SP03-04 - 60 HP GENERATORS (DEUTZ) [S2.020 & S2.021]	61773	20200102	[S2.020] FINLAY TC80 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28144-61773-99 **Release Point Apportionment:** 37473-61773 - FINLAY TC80 TRACK CONVEYOR DEUTZ DIESEL GENERATOR: 100.0%
	Comment: S2.020				
28144 SYSTEM SP03-04 - 60 HP GENERATORS (DEUTZ) [S2.020 & S2.021]	61774	20200102	[S2.021] FINLAY TC65 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 28144-61774-99 **Release Point Apportionment:** 37474-61774 - FINLAY TC65 TRACK CONVEYOR DEUTZ DIESEL GENERATOR: 100.0%
	Comment: S2.021				

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
10929 SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	20050	31100299	[Fugitive Emissions] LAND DISTURBANCE	OP	**Control Approach** Controlled?: Yes Description: Control Devices: 10929-20050-99 **Release Point Apportionment:** 12386-20050 - LAND DISTURBANCE: 100.0%
	Comment: Fugitive Emissions				

PROCESS EMISSIONS			
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28115 SYSTEM 08 - 1,105 HP CAT EMERGENCY GENERATORS [S2.008 & S2.009]	61712 [S2.008] 1,105 HP CAT EMERGENCY DIESEL GENERATOR	**Annual Throughput:** 11.05 MILLION BTUS	Actual Hours/Year: 1.3 Seasonal Operations: Dec-Feb: , Mar-May: , Jun-Aug: , Sep-Nov: ,

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	0.079	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000436475
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.079.			
NOX - Nitrogen Oxides	1.28	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.007072
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 1.28.			
PM10-PRI - PM10 Primary (Filt + Cond)	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000314925
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			
PM25-PRI - PM2.5 Primary (Filt + Cond)	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000314925
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			
SO2 - Sulfur Dioxide	0.0015	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000082875
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0015.			
VOC - Volatile Organic Compounds	0.0085	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000469625
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0085.			
75070 - Acetaldehyde	0.0000252	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00000013923
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0000252.			
107028 - Acrolein	0.00000788	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000000043537
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.00000788.			
71432 - Benzene	0.000776	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000042874
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000776.			
50000 - Formaldehyde	0.0000789	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000004359225
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0000789.			
91203 - Naphthalene	0.00013	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00000071825

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.00013.			
108883 - Toluene	0.000281	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000001552525
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000281.			
1330207 - Xylenes (Mixed Isomers)	0.000193	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000001066325
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000193.			
PM - Particulate Matter	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000314925
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			

Emission Unit ID	Unit Process ID	Throughput	Operations
28115 SYSTEM 08 - 1,105 HP CAT EMERGENCY GENERATORS [S2.008 & S2.009]	61713 [S2.009] 1,105 HP CAT EMERGENCY DIESEL GENERATOR	**Annual Throughput:** 9.34 MILLION BTUS	Actual Hours/Year: 1.3 Seasonal Operations: Dec-Feb: , Mar-May: , Jun-Aug: , Sep-Nov: ,

Comment: The generator (S2.009) has been tagged out.

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	0.079	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00036893
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.079.			
NOX - Nitrogen Oxides	1.28	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0059776
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 1.28.			
PM10-PRI - PM10 Primary (Filt + Cond)	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000026619
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			
PM25-PRI - PM2.5 Primary (Filt + Cond)	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000026619
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			
SO2 - Sulfur Dioxide	0.0015	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000007005
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0015.			
VOC - Volatile Organic Compounds	0.0085	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000039695
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0085.			
75070 - Acetaldehyde	0.0000252	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000000117684

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0000252.			
107028 - Acrolein	0.00000788	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000000367996
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.00000788.			
71432 - Benzene	0.000776	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00000362392
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000776.			
50000 - Formaldehyde	0.0000789	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000000368463
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0000789.			
91203 - Naphthalene	0.00013	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.0000006071
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.00013.			
108883 - Toluene	0.000281	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00000131227
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000281.			
1330207 - Xylenes (Mixed Isomers)	0.000193	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.00000090131
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000193.			
PM - Particulate Matter	0.0057	E6BTU - MILLION BTUS	9 - Permit-Derived (post-control EF)	0.000026619
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.0057.			

Emission Unit ID	Unit Process ID	Throughput	Operations
28147 SYSTEM 01 - MERCURY RETORTS #1 & #2 (ELECTRIC) [S2.001 & S2.002]	61775 [S2.001] MERCURY RETORT #1 (TU4.001)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28147 SYSTEM 01 - MERCURY RETORTS #1 & #2 (ELECTRIC) [S2.001 & S2.002]	61776 [S2.002] MERCURY RETORT #2 (TU4.003)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28116 SYSTEM 10 - 1,000 KW BRIMSTONE EMERGENCY GENERATOR [S2.010]	61714 [S2.010] 1,341 HP DELCO AC EMERGENCY DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	
		Comment: The Brimstone Generator has been locked out over 5 years, at this time there are no plan to repair or replace the generator	

Emission Unit ID	Unit Process ID	Throughput	Operations
28148 SYSTEM 02 - SMELTING FURNACE #1 [S2.003]	61777 [S2.003] SMELTING FURNACE #1 (TU4.002)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28117 SYSTEM 11 - 9,408 GALLON GASOLINE TANK [S2.011]	61715 [S2.011] 9,408 GALLON GASOLINE STORAGE TANK	**Annual Throughput:** 40.086 1000 GALLONS	Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: , Mar-May: , Jun-Aug: , Sep-Nov: ,

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
VOC - Volatile Organic Compounds	18.36	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.36798948
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 18.36.			

Emission Unit ID	Unit Process ID	Throughput	Operations
28149 SYSTEM M24 - MERCURY RETORT #3 [S2.447]	61778 [S2.447] MERCURY RETORT #3 (TU4.004)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28118 SYSTEM M06 - REAGENT SILO #8 [S2.400 & S2.401]	61716 [S2.400] REAGENT SILO #8 LOADING FROM RAILCARS	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28118 SYSTEM M06 - REAGENT SILO #8 [S2.400 & S2.401]	61717 [S2.401] REAGENT SILO #8 UNLOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28150 SYSTEM M25 - MERCURY RETORT #4 [S2.448]	61779 [S2.448] MERCURY RETORT #4 (TU4.005)	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28119 SYSTEM G01 - TRUCK DUMP TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER [PF1.120]	61718 [PF1.120] TRUCK DUMP TRANSFER TO GYRO CRUSHER GC-1 AND HYDRAULIC ROCK BREAKER	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28151 SYSTEM M26 - MERCURY RETORT #5 [S2.449]	61780 [S2.449] MERCURY RETORT #5 (TU4.006)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61719 [S2.101] PRIMARY GYRO CRUSHER AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61720 [S2.103] APRON FEEDER TRANSFER TO STACKER FEED CONVEYOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28120 SYSTEM G02 - GYRO CRUSHER GC-1 (PRIMARY CRUSHING) [S2.101, S2.103, & S2.104]	61721 [S2.104] STACKER FEED CONVEYOR TRANSFER TO STACKING CONVEYOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28152 SYSTEM M27 - SMELTING FURNACE #2 (ELECTRIC) [S2.450]	61781 [S2.450] SMELTING FURNACE #2, ELECTRIC (TU4.007)	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28122 SYSTEM G04 - STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE [PF1.123]	61722 [PF1.123] STACKING CONVEYOR TRANSFER TO COARSE ORE STOCKPILE	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28153 SYSTEM M28 - SMELTING FURNACE #3 (ELECTRIC) [S2.451]	61782 [S2.451] SMELTING FURNACE #3, ELECTRIC (TU4.008)	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61725 [S2.106] APRON FEEDER AF1-A TRANSFER TO RECLAIM CONVEYOR RC1	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61726 [S2.108] APRON FEEDER AF2-A TRANSFER TO RECLAIM CONVEYOR RC1	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28121 SYSTEM G05 - UNDERGROUND STOCKPILE TRANSFERS #1 [S2.106, S2.108, & S2.110]	61727 [S2.110] APRON FEEDER AF3-A TRANSFER TO RECLAIM CONVEYOR RC1	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
22614 MERCURY CO-PRODUCT [Hg Co-Product]	58581 MERCURY CO-PRODUCT COLLECTION	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61728 [S2.112] APRON FEEDER AF1-B TRANSFER TO RECLAIM CONVEYOR RC2	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61729 [S2.114] APRON FEEDER AF2-B TRANSFER TO RECLAIM CONVEYOR RC2	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28123 SYSTEM G06 - UNDERGROUND STOCKPILE TRANSFERS #2 [S2.112, S2.114, & S2.116]	61730 [S2.116] APRON FEEDER AF3-B TRANSFER TO RECLAIM CONVEYOR RC2	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28155 SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	61783 [Fugitive Emissions] SURFACE AREA DISTURBANCE	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
10962 DE MINIMIS DESIGNATION [DM3.001 - DM3.057]	20118 [DM3.001 - DM3.057] ASSAY LABORATORY	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28124 SYSTEM G07 - ORE CONVEYING TO TRANSFER CONVEYOR TC1 [S2.117 & S2.118]	61731 [S2.117] RECLAIM CONVEYOR RC1 TRANSFER TO CONVEYOR TC1	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28124 SYSTEM G07 - ORE CONVEYING TO TRANSFER CONVEYOR TC1 [S2.117 & S2.118]	61732 [S2.118] RECLAIM CONVEYOR RC2 TRANSFER TO CONVEYOR TC1	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28125 SYSTEM G08 - ORE CONVEYING TO TRANSFER CONVEYOR TC2 [S2.119]	61733 [S2.119] CONVEYOR TC1 TRANSFER TO CONVEYOR TC2	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61734 [S2.120] CONVEYOR TC2 TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61735 [S2.121] SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61736 [S2.123] SECONDARY SCREEN SS1 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61737 [S2.127] SECONDARY CRUSHER SC1 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61738 [S2.129] SCREEN HOPPER 2 TRANSFER TO SCREEN FEED BELT BF2	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61739 [S2.131] SECONDARY SCREEN SS2 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28126 SYSTEM G09 - SECONDARY CRUSHING [S1.120, S2.121, S2.123, S2.127, S2.129, S2.131, & S2.135]	61740 [S2.135] SECONDARY CRUSHER SC2 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61741 [S2.137] TERTIARY CRUSHER FEED CONVEYOR TRANSFER TO SCREEN HOPPER 1 & 2 VIA SPLITTER	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61742 [S2.138] SCREEN HOPPER 1 TRANSFER TO SCREEN BELT FEEDER BF1	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61743 [S2.140] TERTIARY SCREEN TS1 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61744 [S2.144] TERTIARY CRUSHER TC1 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28127 SYSTEM G10 - TERTIARY CRUSHING	61745 [S2.146] SCREEN HOPPER 2 TRANSFER TO SCREEN BELT FEEDER BF2	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28127 SYSTEM G10 - TERTIARY CRUSHING	61746 [S2.148] TERTIARY SCREEN TS2 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28127 SYSTEM G10 - TERTIARY CRUSHING	61747 [S2.152] TERTIARY CRUSHER TC2 AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61748 [S2.154] SCREEN PRODUCT CONVEYOR SPC1 TRANSFER TO SCREEN PRODUCT TRANSFER CONVEYOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28127 SYSTEM G10 - TERTIARY CRUSHING	61749 [S2.162] SCREEN PRODUCT TRANNSFER CONVEYOR TRANSFER TO CRUSH PRODUCT CONVEYOR CPC2	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28128 SYSTEM G11 - LIME/SODA ASH SILO #3 [S2.155 & PF1.134]	61750 [S2.155] LIME/SODA ASH SILO #3 LOADING	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations

Emission Unit ID	Unit Process ID	Throughput	Operations
28128 SYSTEM G11 - LIME/SODA ASH SILO #3 [S2.155 & PF1.134]	61751 [PF1.134] LIME/SODA ASH SILO #3 UNLOADING TO CRUSH PRODUCT CONVEYOR CPC2 VIA SCREW AUGER	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28129 SYSTEM G12 - CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR [S2.156]	61752 [S2.156] CRUSH PRODUCT CONVEYOR CPC2 TRANSFER TO TRUCK LOADOUT FEED CONVEYOR	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28130 SYSTEM G14 - TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE [PF1.137]	61753 [PF1.137] TRUCK LOADOUT FEED CONVEYOR TRANSFER TO STOCKPILE	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28131 SYSTEM G18 - CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR [S2.161]	61754 [S2.161] CRUSH PRODUCT CONVEYOR CPC1 TRANSFER TO TERTIARY CRUSHER FEED CONVEYOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28132 SYSTEM G19 - 64 HP COMMUNICATION EMERGENCY GENERATOR [S2.163]	61755 [S2.163] 64 HP KOHLER EMERGENCY DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	
		Comment: The 64 Hp generator - communication generator is not on site. It will be removed from the CL-II permit during the next renewal	

Emission Unit ID	Unit Process ID	Throughput	Operations
28133 SYSTEM 03 - REAGENT SILO #1 [S2.004 & PF1.001]	61756 [S2.004] REAGENT SILO #1 LOADING	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28133 SYSTEM 03 - REAGENT SILO #1 [S2.004 & PF1.001]	61757 [PF1.001] REAGENT SILO #1 UNLOADING	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28134 SYSTEM 04 - REAGENT SILO #2 [S2.005 & PF1.002]	61758 [S2.005] REAGENT SILO #2 LOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28134 SYSTEM 04 - REAGENT SILO #2 [S2.005 & PF1.002]	61759 [PF1.002] REAGENT SILO #2 UNLOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28135 SYSTEM G15 - REAGENT SILO #6 [S2.158 & PF1.138]	61760 [S2.158] REAGENT SILO #6 LOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28135 SYSTEM G15 - REAGENT SILO #6 [S2.158 & PF1.138]	61761 [PF1.138] REAGENT SILO #6 UNLOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28136 SYSTEM G16 - REAGENT SILO #7 [S2.159 & PF1.139]	61762 [S2.159] REAGENT SILO #7 LOADING	Process was not operating, or was not required to report emissions, during the reporting period.	
Emission Unit ID	**Unit Process ID**	**Throughput**	**Operations**
28136 SYSTEM G16 - REAGENT SILO #7 [S2.159 & PF1.139]	61763 [PF1.139] REAGENT SILO #7 UNLOADING	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28137 SYSTEM L01 - FIRE PUMP EMERGENCY GENERATOR (LOWER PUMP HOUSE) [S2.453]	61764 [S2.453] 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28138 SYSTEM L02 - FIRE PUMP EMERGENCY GENERATOR (UPPER PUMP HOUSE) [S2.454]	61765 [S2.454] 83 HP JOHN DEERE EMERGENCY DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28139 SYSTEM L03 - 9.4 HP COMMUNICATION EMERGENCY GENERATORS [S2.455 & S2.456]	61766 [S2.455] 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	**Annual Throughput:** 7.08 1000 GALLONS	Actual Hours/Year: 59.1 Seasonal Operations: Dec-Feb: , Mar-May: , Jun-Aug: , Sep-Nov: ,

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	129.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.45666
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 129.0.			
NOX - Nitrogen Oxides	139.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.49206
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 139.0.			
PM10-PRI - PM10 Primary (Filt + Cond)	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.0177
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			
PM25-PRI - PM2.5 Primary (Filt + Cond)	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.0177

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			
SO2 - Sulfur Dioxide	0.35	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.001238999999999
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.35.			
VOC - Volatile Organic Compounds	83.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.29382
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 83.0.			
HAPs - HAP - Combined	0.000222	HR - HOUR	9 - Permit-Derived (post-control EF)	0.0000065601
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000222.			
PM - Particulate Matter	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.0177
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			

Emission Unit ID	Unit Process ID	Throughput	Operations
28139 SYSTEM L03 - 9.4 HP COMMUNICATION EMERGENCY GENERATORS [S2.455 & S2.456]	61767 [S2.456] 9.4 HP JOHN DEERE EMERGENCY PROPANE GENERATOR	**Annual Throughput:** 15.61 1000 GALLONS	Actual Hours/Year: 130.2 Seasonal Operations: Dec-Feb: , Mar-May: , Jun-Aug: , Sep-Nov: ,

Comment: On May 4th, the Flocka Tower loss line Power. The generator operated for approximate 49 hour while power was being restored.

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	129.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	1.006845
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 129.0.			
NOX - Nitrogen Oxides	139.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	1.084895
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 139.0.			
PM10-PRI - PM10 Primary (Filt + Cond)	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.039025
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			
PM25-PRI - PM2.5 Primary (Filt + Cond)	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.039025
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			
SO2 - Sulfur Dioxide	0.35	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.00273175

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.35.			
VOC - Volatile Organic Compounds	83.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.647814999999999
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 83.0.			
HAPs - HAP - Combined	0.000222	HR - HOUR	9 - Permit-Derived (post-control EF)	0.000014452199999
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 0.000222.			
PM - Particulate Matter	5.0	E3GAL - 1000 GALLONS	9 - Permit-Derived (post-control EF)	0.039025
	Emission Comment: Note, factor was derived from aggregated permit system factor of: 5.0.			

Emission Unit ID	Unit Process ID	Throughput	Operations
28140 SYSTEM SP01 - SCREENING [PF1.005 & PF1.006]	61768 [PF1.005] FINLAY TRIPLE DECK SCREEN AND ASSOCIATED TRANSFERS IN & OUT	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28140 SYSTEM SP01 - SCREENING [PF1.005 & PF1.006]	61769 [PF1.006] FINLAY TRIPLE DECK SCREEN FINES SCREENING	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28141 SYSTEM SP02 - CONVEYOR TRANSFER [PF1.140]	61770 [PF1.140] FINLAY TC80 TRACK CONVEYOR TRANSFER TO STOCKPILE	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28142 SYSTEM SP06 - CONVEYOR TRANSFER [PF1.141]	61771 [PF1.141] FINLAY TC65 TRACK CONVEYOR TRANSFER TO STOCKPILE	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28143 SYSTEM SP05 - FINLAY THREE-DECK SCREEN GENERATOR (CATERPILLAR) [S2.022]	61772 [S2.022] FINLAY TRIPLE DECK SCREEN CATERPILLAR DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28144 SYSTEM SP03-04 - 60 HP GENERATORS (DEUTZ) [S2.020 & S2.021]	61773 [S2.020] FINLAY TC80 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	
		Comment: Not on site.	

Emission Unit ID	Unit Process ID	Throughput	Operations
28144 SYSTEM SP03-04 - 60 HP GENERATORS (DEUTZ) [S2.020 & S2.021]	61774 [S2.021] FINLAY TC65 TRACK CONVEYOR DEUTZ DIESEL GENERATOR	Process was not operating, or was not required to report emissions, during the reporting period.	
		Comment: Not on site.	

Emission Unit ID	Unit Process ID	Throughput	Operations
10929 SURFACE AREA DISTURBANCE - 14,881 ACRES [Fugitive Emissions]	20050 [Fugitive Emissions] LAND DISTURBANCE	Process was not operating, or was not required to report emissions, during the reporting period.	