From: <u>Air.Pollution Control</u>
To: <u>APC Permitting</u>

Subject: FW: Lawrenceburg Quarry Air Permit Renewal (50-0035-01)

Date: Wednesday, February 24, 2021 2:02:23 PM

Attachments: Lawrenceburg Quarry Air Permit Renewal 2-24-21.pdf

From: Erik Knowles <erik.knowles@rogersgroupinc.com>

Sent: Wednesday, February 24, 2021 13:25

To: Air.Pollution Control <Air.Pollution.Control@tn.gov> **Cc:** Van Medlock <van.medlock@rogersgroupinc.com>

Subject: [EXTERNAL] Lawrenceburg Quarry Air Permit Renewal (50-0035-01)

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. ***

Please find attached RGI's renewal request for our Lawrenceburg Quarry crushing plant. If you need any additional information or have any questions feel free to contact me at one of the numbers below.

Thanks,

Erik Knowles, P.E. *Environmental Manager*

ROGERS GROUP INC.

421 Great Circle Road Nashville, Tennessee 37228 Phone: (615) 780-5719 Cell: (615) 418-9474

Fax: (615) 564-5719 rogersgroupinc.com



February 24, 2020

Ms. Michelle Walker Owenby, Director TDEC - Tennessee Division of APC William R. Snodgrass Tennessee Tower 15th Floor 312 Rosa L. Parks Avenue Nashville, TN 37243

RE: Rogers Group, Inc. – Lawrenceburg Quarry Facility ID 50-0035-01, Permit # 064407P

Renewal Request

Dear Ms. Owenby:

Please find enclosed a copy of Rogers Group, Inc.'s renewal application for the above referenced facility. Included are forms APC100, APC109, emission calculations, and a flow diagram. No changes are being requested as a part of this renewal and RGI would request renewal based on what is currently approved.

If you have any questions or need additional information, please do not hesitate to contact me at (615) 780-5719.

Sincerely,

Erik Knowles

Environmental Manager

Rogers Group, Inc.





DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF AIR POLLUTION CONTROL

William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243 Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

NON-TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

Тур	oe or print and su	bmit. Atta	ach a	ppropriate s	ource description	n forms.
				ORMATION		
1. Organization's lega	l name and SOS	control n	umb	per [as regist	ered with the TN	Secretary of State (SOS)]
Rogers Group, Inc Law	renceburg Quarry	,				
2. Site name (if differe	nt from legal nam	ne)				
Lawrenceburg Quarry						
3. Is a construction po			ıg su	bmitted?	Yes No	✓
4. Site address (St./Rd	./Hwy.)					County name
2690 Waynesboro Highw	ay					Lawrence
City			Zip	code		5. NAICS or SIC code
Lawrenceburg			384	64		1422
6. Site location	Latitude				Longitude	
(in lat. /long.)	35-16-25				87-23-10	
	CONTACT	INFORMA	ATIO	N (RESPONS	IBLE PERSON)	
7. Responsible person						er with area code
Erik Knowles					615-780-5719	
Mailing address (St.	/Rd./Hwv.)				Fax number v	vith area code
421 Great Circle Road	,,					
City		State		Zip code	Email address	5
Nashville		TN		37228	erik.knowles@	Progersgroupinc.com
	CON	TACT INF	ORM	IATION (TEC		
8. Principal technical				•		er with area code
Same as above						
Mailing address (St.	/Rd./Hwv.)				Fax number v	vith area code
	,.,				and the state of the	vicir di ca coac
C:b.		Ct-t-		7:	E	
City		State		Zip code	Email address	5
	COI	NTACT IN	FOR	MATION (BI	LING)	
9. Billing contact						er with area code
Van Medlock					615-780-5781	
Mailing address (St.,	/Rd./Hwy.)				Fax number v	vith area code
421 Great Circle Road	<i>,</i>					
City		Ctata		7in soda	Email address	
City		State		Zip code 37228	Email address	
Nashville		TN		3/220	van.mediock@	rogersgroupinc.com

				FORMATION	
10. Description of air co	ntaminant source	(s) and Unio	ue Source	ID(s). List, identify, ar	nd briefly describe
process emission sou	irces, fuel burning ir	nstallations,	and incine	rators that are containe	ed in this application
and include a Unique	Source ID for each	source. The	Unique Sc	ource ID is a name/num	ber/letter, which
				Paint Line #1, Engine #	
instructions for more	•			_	·
Rock Crushing and Sizing E	equipment with Wet	t Suppressio	n Control		
11. Is the air contaminan	nt source(s) in a no	nattainme	nt area? If	"Ves" then miner so	urco PACT must be
	it source(s) iii a no	mattamme			
l addressed Yes N	lo.			res , then millor so	urce BACT must be
	lo 7			res , then hillor so	urce BACT must be
12. Normal Hou		Days/Week		Weeks/Year	Days/Year
12. Normal Hou operation:	urs/Day	Days/Week 5		Weeks/Year 40	Days/Year 200
12. Normal Hou operation: 10 13. Percent annual Dec	urs/Day	Days/Week 5 March – Ma		Weeks/Year 40 June – August	Days/Year 200 Sept. – Nov.
12. Normal Hou operation:	urs/Day c. – Feb.	Days/Week 5 March – Ma 30	у	Weeks/Year 40 June – August 30	Days/Year 200
12. Normal Hou operation: 10 13. Percent annual throughput 10	urs/Day – Feb. TYPE OF PERMIT	Days/Week 5 March – Ma 30 REQUESTE	y O (check a	Weeks/Year 40 June – August 30 ppropriate box)	Days/Year 200 Sept. – Nov. 30
12. Normal operation: 10 13. Percent annual throughput Declaration: 10 14. Operating Date	urs/Day c. – Feb. TYPE OF PERMIT te construction start	Days/Week 5 March – Ma 30 REQUESTE	у	Weeks/Year 40 June – August 30 ppropriate box)	Days/Year 200 Sept. – Nov.
12. Normal peration: 10 13. Percent annual throughput 10 14. Operating permit	urs/Day TYPE OF PERMIT Te construction stars mit Renewal	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y O (check a completed	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership o	Days/Year 200 Sept. – Nov. 30 change (if applicable)
12. Normal peration: 10 13. Percent annual throughput 10 14. Operating permit	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s)	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y O (check a completed Emission	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No	Days/Year 200 Sept. – Nov. 30 change (if applicable)
12. Normal peration: 10 13. Percent annual throughput 10 14. Operating permit	urs/Day TYPE OF PERMIT Te construction stars mit Renewal	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y O (check a completed	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No	Days/Year 200 Sept. – Nov. 30 change (if applicable)
12. Normal peration: 10 13. Percent annual throughput 10 14. Operating permit	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s)	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y O (check a completed Emission	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No	Days/Year 200 Sept. – Nov. 30 change (if applicable)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit	TYPE OF PERMIT te construction start mit Renewal t permit number(s) 407P	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y Completed Emission 50-003	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Perrol Lass 0644 Construction Lass	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s)	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y Completed Emission 50-003	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No.	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit	TYPE OF PERMIT te construction start mit Renewal t permit number(s) 407P	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y Completed Emission 50-003	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership con Source Reference No.	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Perrol Lass 0644 Construction permit Lass	urs/Day TYPE OF PERMIT THE CONSTRUCTION STATE THE CONSTRUCTION STAT	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y Completed Emission 50-003	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership of the control of the contro	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Perrol Last 0644 Construction permit Last	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s) 407P t permit number(s)	Days/Week 5 March – Ma 30 REQUESTEI ted Date	completed Emission 50-003: Emission	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership of the consource Reference No. 5-01 on Source Reference No. 5-01 struction, Modification,	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Perrol Lass 0644 Construction permit Lass	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s) 407P t permit number(s)	Days/Week 5 March – Ma 30 REQUESTEI ted Date	y Completed Emission 50-003	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership of the consource Reference No. 5-01 on Source Reference No. 5-01 struction, Modification,	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Permit Lass 0644 Construction permit Lass 0644 If you chose Construction possible of the permit Starting Starting	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s) 407P t permit number(s) cermit above, then of date	Days/Week 5 March – Ma 30 REQUESTED ted Date of the control of t	y Completed Emission 50-0033 Emission r New Con Completic	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership of the consource Reference No. 5-01 on Source Reference No. struction, Modification, and date	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)
12. Normal operation: 10 13. Percent annual throughput 10 14. Operating permit Perrol Lass 0644 Construction permit Lass 15 If you chose Construction possible of the permit Starting Starting 15 New Construction Starting	urs/Day TYPE OF PERMIT Te construction start mit Renewal t permit number(s) 407P t permit number(s)	Days/Week 5 March – Ma 30 REQUESTED ted Date of the control of t	y Completed Emission 50-0033 Emission r New Con Completic	Weeks/Year 40 June – August 30 ppropriate box) Date of ownership of the consource Reference No. 5-01 on Source Reference No. 5-01 struction, Modification,	Days/Year 200 Sept. – Nov. 30 change (if applicable) umber(s)

15. Describe changes that have been mor operating permit application:	nade to this equipment or op	peration(s) since the last construction
2/17/14 Op-Flex - Added a portable screen	ing unit (MPF1, MPSCR1, MPC1	-MPC7).
9/29/15 Op-Flex - Added portable crushing	and screening unit (PCR3, PSC	CR3, PC33-PC37)
8/18/16 Op-Flex - Added portable crusher (situation and is no longer needed at this lo		his unit was used in an emergency
10/4/19 Op-Flex - Added a portable convey	or (PC1A) to the crushing plan	t.
1/13/20 Op-Flex - Added portable conveyor	(C1B) to the crushing plant.	
16. Comments		
		=
•		
	SIGNATURE	
Based upon information and belief formed mentioned facility, certify that the informat knowledge. As specified in TCA Section 39-	ion contained in this application	on is accurate and true to the best of my
17. Signature (application must be signed	before it will be processed)	Date
Cirk Krowle		2/24/21
Signer's name (type or print)	Title	Phone number with area code
Erik Knowles	Environmental Manager	615-780-5719





DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF AIR POLLUTION CONTROL

William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243 Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

NON-TITLE V PERMIT APPLICATION ROCK CRUSHING SOURCE DESCRIPTION

Type or print. Submit fo	r each rock crushin	g operation. S	Submit with th	ne APC 100.	
	AL IDENTIFICATION				The Winds
 Organization's legal name and SOS Secretary of State (SOS)] Rogers Group, Inc Hickman County Qu 		as registered v	with the TN		n Source ce Number 1057-01
3. Is this air contaminant source subj If Yes, list rule citation, including Part 40 CFR part 60, subpart OOO			1 W I	No	
	EQUIPMENT INF	ORMATION			
The applicant must submit an equipment equipment or attach a separate sheet crusher, screen, conveyor, bin, pugmill, equipment labeled with a reference num	of paper for the e- feeder, agricultural	quipment list	. The equipm	nent list mus	t include each
4. Equipment type (Note 1)	Flow diagram reference number (Note 2)	Size (Note 3)		ing rate s/Hr.) Actual	Date of manufacture
See Attached Emission Calculations					

EMISSION INFORMATION

5. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

Particulate Matter emission data:	Flow diagram ref. no. (Note 5)	Average Emissions (Lbs./Hr.)	Maximum Emissions (Lbs./Hr.)	Average Emissions (Tons/Yr)	Potential Emissions (Tons/Yr)	Emissions Estimation method (Note 6)	Control devices (Note 6)	Control efficiency (%)
Primary crushing	CR1	0.74	0.74	0.74	3.00	3	061	90
Secondary crushing	CR2-CR3	0.87	0.87	0.87	3.5	3	061	90
Tertiary crushing								
Agricultural lime								
Open storage		-						
Enclosed storage								
Conveying & Transferring	*Em. Calc	2.05	2.05	2.05	43.99	3	061	90
Loading out								
Traffic dust								
Other (specify) Screen	SCR1, SCR2, MPSCR1	2.35	2.35	2.35	40.71	3	061	90
Other (specify)								
Totals		6.72	6.72	6.01	91.19			

- **Note 1**: Equipment type: The applicant must list each crusher, screen, conveyor, bin, pugmill, feeder, agricultural lime, etc.
- **Note 2:** Flow diagram reference number: The applicant must attach a flow diagram. The flow diagram must show each piece of equipment, including each crusher, screen, conveyor, bin, pugmill, feeder, agricultural lime, etc. Each piece of equipment must be labeled with a reference number.
- **Note 3**: Size: For crushers, size is the design operating rate (in ton/hr.). For screens, size is the dimensions of the top deck of the screen. For conveyors, size is the width of the conveyor. For bins, size is the design capacity in tons.
- Note 4: Explain in comments, if necessary.
- Note 5: As identified on the flow diagram required in item #3
- **Note 6**: Refer to the instructions for the estimation method and control device codes.

6. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.). Wet suppression will be applied to the processing plant at key points to maximize efficiency and water caryover to the rest of the plant.

	700		ROA	D INFORMA	TION	Tolk Hinese		
7. Roads:	Paved (Miles of roa	ıd)		paved of road)	Watered (freque		Other cont	rol (specify)
Plant yard	0.0			0.5	As Nee	eded	No	ne
Access roads	0.0			2.5	As Nee	eded	No	ne
			STOCK	PILE INFORM	MATION			
8. Stockpiles:	Estimated annual tons		ver rate /Month)	Wetted as piled	No. of sides enclosed	Other dust control		method r, conveyor) Load out
Coarse: Over 1"	75,000	6,	250	No	None		Conveyor	Loader
Fine: 1" to 1/4"	170,000	14	,160	No	None		Conveyor	Loader
1/4" and less	195,000	16	,250	No	None		Conveyor	Loader
MFG. Sand	50,000	4,	160	No	None		Conveyor	Loader
Other (specify)								

9. Comments

SIGNATURE

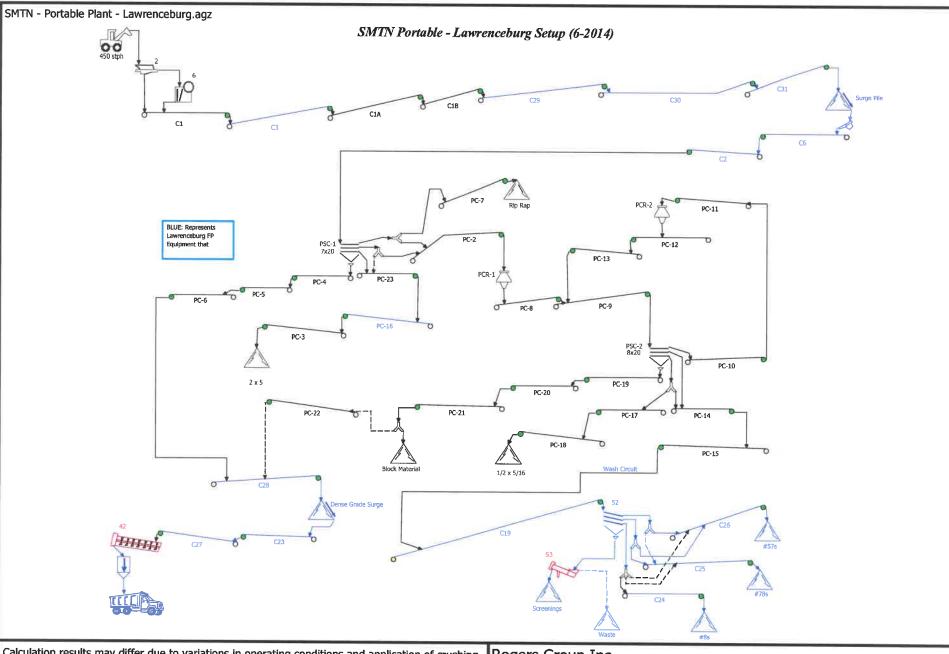
If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

10. Signature		2/24/21
Signer's name (type or print)	Title	Phone number with area code
Erik Knowles	Environmental Manger	615-780-5719

EMISSIONS CALCULATIONS

Rogers Group, Inc Lawrenceburg Quarry	rencebur	g Quarry						EIAI	EMISSIONS	CALCULATIONS	AIION			(onidaina Diana	400			
					İ				Incontroll	Uncontrolled Emissions	+	Incomballed Emissions		-	Controlled Fullish	Idill			
Affected	<u></u>	RGI	DOM		-				E	(lb/hr)	-	(TPY)	ပိ	_	John Child	hr.	Controlled Emissions (TPY)	Y)	Comments
Facility PRIMARY CIRCLIT	So.	D No.		NSPS	ģ	Hours	Tons/Hr.	Tons/Yr.	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	
Simplicity Feeder	2			9	-	2,000	750	1.500.000											
Primary Jaw Crusher	9	CR1	2009	YES	-	2,000	009	1,200,000	3.00	1.44			%06	%06	0.74	0.324		0.324	
42" Conveyor	5 5	5 5	2009	YES	-	2,000	750	1,500,000	2.25	0.83	2.25	0.83		%06	0.11	0.035	0.11	0.035	
36" Conveyor	2 2	2 2	2010	VEO V	-	2,000	750	1,500,000	2.25	0.83				%06	0.11	0.035		035	Added in 10/4/19 Op Flex
36" Conveyor	3	C101	2009	YES	-	2,000	750	1 500 000	2.23	0.03			%06 808	%06 000	0.11	0.035		0.035	Added in 1/13/20 Op Flex
36" Conveyor	C29	C102	2009	YES	,	2.000	750	1,500,000	2.22	0.83				200	0.0	0.035		0.035	
36" Conveyor	030	C103	2009	YES	-	2,000	750	1,500,000	2.25	0.83				%06	17	0.035		0.000	
36" Conveyor	C31	C104	2009	YES	-	2,000	750	1,500,000	2.25	0.83				%06	0.11	0.035		0.035	
36" Conveyor	8	C105	5009	YES	-	2,000	750	1,500,000	2.25	0.83				%06	0.11	0.035		0.035	
36" Conveyor	22	C106	2009	YES	-	2,000	750	1,500,000	2.25	0.83			%06	%06	0.11	0.035		0.035	
New Portable Plant	, 000	, 000	0000																
/ A ZU Scalp Screen	PSC-1	SCRI	2009	YES		2,000	750	1,500,000	18.75	6.53		6.53		%06	1.65	0.555	1.65	0.555	
A2" Come Crusher	25.5	25.5	7007	YES	-	2,000	400	800,000	2	0.96				%06	0.50	0.216	0.50	0.216	
30" Conveyor	PC-2	5 8	2009	YES Y		2,000	400	800,000		4.0	1.20	0.44		%06	90.0	0.018	90.0	0.018	
36" Conveyor	PC-22	3 5	2000	200		2,000	200	400,000		0.22				%06	0.03	600.0	0.03	600.0	
60" Conveyor	22	3 8	2000	2 2	-	2,000	2007	400,000		0.22			%06	%06	0.03	600.0	0.03	0.009	
30" Conveyor	5 2	3 2	2009	YES	-	2,000	200	400,000		0.22				%06	0.03	00.00	0.03	600.0	
36" Conveyor	PC-6	52	2009	XES	-	2,000	200	400,000		0.22				%06 80%	0.03	0.009	0.03	0.009	
36" Conveyor	PC-7	88	2009	YES	-	2,000	200	400,000		0.22			808	%06	0.03	0.009	0.03	0.009	
8' X 20' TD Screen	PSC-2	SCR2	2009	YES	-	2,000	800	1 200,000		4 50				80%	0.03	0.003	0.03	0.009	
48" Conveyor	PC-8	C12	2009	YES	-	2 000	900	1 200,000		0.66				2000	0.00	7070	0.03	0.252	
48" Conveyor	PC-9	C13	2009	YES	-	2 000	009	1 200 000		990				20.00	00.0	0.028	0.00	0.028	
36" Conveyor	PC-10	C20	2009	YES	-	2.000	300	600,000		0.33				%U0	0000	0.020	0.08	0.028	
42" Conveyor	PC-11	C21	2009	YES	-	2 000	300	000 000		0.33				7000	5 6	1 200	0.04	0.014	
Sandvik, 6800 - Cone Crusher	PCR-2	CR3	2007	YES	-	2,000	300	800,000		0.72			%06	%06	0.37	0.014	0.04	0.014	
48" Conveyor	PC-12	C22	2009	YES	-	2,000	300	600,000		0.33				%06	0.04	0.014	0.04	0.014	
36" Conveyor	PC-13	CZ3	2009	YES	-	2,000	300	000'009		0.33				%06	0.04	0.014	0.04	0.014	
30" Conveyor	PC-14	C19	2009	YES	-	2,000	300	000'009		0.33				%06	0.04	0.014	0.04	0.014	
36" Conveyor	PC-15	625	2009	YES	-	2,000	300	000,009		0.33				%06	0.04	0.014	0.04	0.014	
30" Conveyor	5 5	200	2002	S S	-	2,000	300	000,000		0.33				%06	0.04	0.014	0.04	0.014	
36" Conveyor	PC-18	1	2008	VES.	-	2,000	200	400,000		0.22	0.60		%06	%06	0.03	0.009	0.03	600.0	
60" Conveyor	PC-19		2009	N L	-	2,000	200	400,000		0.22				%06	0.03	0.009	0.03	6000	
30" Conveyor	PC-20		2009	YES	-	2,000	200	400,000	L	0.22			200%	2000	0.03	0.009	0.03	600.0	
36" Conveyor	PC-21	L	2009	YES	-	2,000	200	400 000		0.22				2000	0.03	0.009	0.03	6000	
36" Conveyor	PC-22	L	2009	YES	-	2.000	200	400 000	0 00	0.22				%00	0.00	0.009	0.03	6000	
Portable Screen	MPSCR1	L	2008	YES	-	200	300	150,000	7.50	261				%00	0.03	0.003	0.00	0.003	Adda - Shand On Flat
48" Conveyor	MPC1		2008	YES	-	200	300	150,000	0.90	0.33			%06	%06	0.00	0.022	2000	0.030	0.000 Added in 2/17/14 Op Flex
48" Conveyor	MPC2		2008	YES	-	900	300	150,000	06.0	0.33				%06	0.04	0.014	100	0.003	added in 2/17/14 On Flax
48" Conveyor	MPC3		2008	YES	-	250	300	75,000	06.0	0.33				%06	0.04	0.014	0.01	0.002	0.002 Added in 2/17/14 Op Flex
48" Conveyor	MPC4		2008	YES	-	250	250	62,500	0.75	0.28			%06	%06	0.04	0.012	00.0	0.001	Added in 2/17/14 Op Flex
24" Conveyor	MDCS		2000	YES Y		052	250	62,500	0.75	0.28			%06	%06	0.04	0.012	00.0	0.001	Added in 2/17/14 Op Flex
24" Conveyor	MPC7		2008	VE VE	-	050	050	62,500	0.0	0.28	0.09		%06	%06	0.04	0.012	0.00	0.001	Added in 2/17/14 Op Flex
Existing Pugmill Circuit			2007	3	1	200	700	02,300	0.0	0.20		0.03	%08	%06	40.0	0.012	00.0	0.001/	vdded in 2/17/14 Op Flex
24" Conveyor	C28	C107	2007	YES	-	2,000	200	400,000	09.0	0.22			%06	%06	0 03	0000	0.03	0000	
36" Conveyor	C23	PC1	2009	YES	1	2,000	200	1,000,000	1.50	0.55	1.50	0.55	%06	%06	0.07	0.023	0.07	0.023	
36" Conveyor	C27	22	2009	YES	-	2,000	200	1,000,000	1.50	0.55			%06	%06	0.07	0.023	0.07	0.023	
Pugmill Evicting Mach Blant Circuit	45	PM4	2005	YES	-	2,000	200	1,000,000											
30" Conveyor	953	5113	1004	YES	-	0000	300	000 000	000	CCC	000		1000						
6' X 16' Washing Screen	52	SCR3	2000	Q.	-	2,000	300	000,000	0.30	0.00		0.33	%O8	%ns	0.0	0.014	0.04	0.014	
Sand Screw	53	SS1	2010	Q.	-	2,000	200	400,000											
24" Conveyor	C24	C110	2008	8	-	2,000	200	400,000											
24" Conveyor	C25	211	1994	2	-	2,000	200	400,000											
TOTALS	070	7 2	CSS	2	1	2,000	200	400,000	20.02	04.60									
NOTE:					İ				CO.00	24,03	21.12	20.88		1	6.72	2.479	6.01	2.239	
Emission factors used in calculations are from AP-42 Table 11.19.2-2., 8/04	tions are fro	m AP-42 Te	able 11.19.	2-2, 8/04												Ī			
VDM 2/24/2021																			



Calculation results may differ due to variations in operating conditions and application of crushing and screening equipment. This information does not constitute an express or implied warranty, but shows results of calculations based on information provided by customers or equipment manufacturers. Use this information for estimating purposes only.

All calculations performed by AggFlow. http://www.AggFlow.com

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Erik Knowles

Plant Stage #1: Page #1

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