

FILED

OCT 29 2010

Jim Ruby, Executive Secretary
Environmental Quality Council

Exhibit 20

**EQC Docket 10-2803
Judith Bush**

Croell Redi-Mix Application AQD AP 8685 / MD 8685

**Croell Redi-Mix filed this application in December of 2008.
The crusher capacity was rated at 500,000 tons / year**

**This permit originally superseded CT-4527 (Exhibit 18),
however, Croell Redi-Mix later requested that the crushing
equipment permitted under CT-4527 be included in MD-8685**

Reviewer NCM
Copy to:
Cynthia _____
D.E. _____



STATE OF WYOMING 86085
Department of Environmental Quality
Air Quality Division



WAQS&R Chapter 6, Section 2 Permit Application
Crushing/Screening Operations
Permit Application Form

Please submit three (3) copies of the complete application

COMPANY Croell Led. Miv Inc.
Contact: Julie Ewing Title: Safety Director
Mailing Address: PO Box 1352
City: Sundance State: WY Zip: 82729
Phone: 307-283-2221 Fax: 307-283-1450 E-Mail: julie.ewing@croell.com

INITIAL LOCATION
Legal Description: NW 1/4 NE 1/4 Section 25 T 52 N R 62 W
Latitude: _____ Longitude: _____
County: Crook
Is the initial location an existing mine/quarry: yes no
Mine/Quarry Name: Roger's Rock Pit Mine/Quarry Owner: Roger Croell
AQD Permit Number (for existing mine): CT-4527

TYPE OF MATERIAL CRUSHED/SCREENED: Limestone
Max. Hourly Production: 350 tons/hr Max. Annual Production: 400,000 tons/year
Avg. Hourly Production: 250 tons/hr
Max. Hours of Operation: 24 hours/day 7 days/week 52 weeks/year

EQUIPMENT/OPERATION (mark all that apply)
Crushing
Screening
Stockpiling
Conveyor Transfer and Drop Points How many: 2

Is the equipment intended for stationary or portable use: Stationary Portable

- This application must include:
1. A brief process description with a plot plan depicting site set up with location of controls.
 2. Application form AQD-MN1-4 for the mine/quarry, if mine/quarry is not permitted.

I, Julie Ewing, Health + Safety Director
Responsible Official (Please print or type) Title

state that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. I further certify that the maximum production rate listed in this application reflects the maximum anticipated production rate for this crushing/screening operation. The facility will operate in compliance with all Wyoming Air Quality Standards and Regulations.

Signature: Julie Ewing Date: 11/24/08



STATE OF WYOMING
Department of Environmental Quality
Air Quality Division
WAQS&R Chapter 6, Section 2 Permit Application
Crushing/Screening Operations
Crusher/Screen Form

**CRUSHER #1**

Primary Secondary Tertiary Other
 Manufacturer: Metso Model #: NP1415 Serial #: 20670118
 Type: Jaw Cone Impact Other
 Date manufactured: 2006 Max. crusher capacity per hour: 600 tons
 Subject to NSPS - OOO (manufactured after August 1, 1985): yes no

CRUSHER #2

Primary Secondary Tertiary Other
 Manufacturer: _____ Model #: _____ Serial #: _____
 Type: Jaw Cone Impact Other
 Date manufactured: _____ Max. crusher capacity per hour: _____ tons
 Subject to NSPS - OOO (manufactured after August 1, 1985): yes no

(Use additional Crusher/Screen Forms if using more than 2 crushers)

SCREEN #1

Manufacturer: _____ Model #: _____ Type: _____
 Date manufactured: _____ Serial #: _____
 Operating in conjunction with a crusher: yes no Max. capacity of crusher: _____ tons per hour

SCREEN #2

Manufacturer: _____ Model #: _____ Type: _____
 Date manufactured: _____ Serial #: _____
 Operating in conjunction with a crusher: yes no Max. capacity of crusher: _____ tons per hour

(Use additional Crusher/Screen Forms if using more than 2 screens)

SOURCE CONTROL

Sources will be controlled as follows:

	No Control	Water Spray	Chemical Dust Suppressant	Other (explain)
Feed hopper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Transfer Points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Water Spray when needed</u>
Inlet to Crushers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outlet of Crushers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Water Spray when needed</u>
Inlet to Screens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>"</u>
Outlet of Screens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>"</u>
Haul Roads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>"</u>
Work Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>"</u>
Stockpiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>"</u>

Power Source: Line Power Generator *

* If using generator, submit Form AQD-CS3 Generator Form. Already Submitted



STATE OF WYOMING
Department of Environmental Quality
Air Quality Division
WAQS&R Chapter 6, Section 2 Permit Application
Crushing/Screening Operations
Generator Form



GENERATOR #1 INFORMATION

Manufacturer: _____ Model #: _____ Serial #: _____

Year: _____ Site Horsepower Rating: _____ Annual Operating Hours: _____

Fuel Type:

Natural Gas LP Gas Diesel Gasoline

Fuel Consumption (specify units): _____ Fuel Sulfur Content (specify units): _____

Emissions Data:

	g/hp-hr	lb/hr	tpy
NO _x	_____	_____	_____
CO	_____	_____	_____
VOC	_____	_____	_____
PM ₁₀	_____	_____	_____
SO _x	_____	_____	_____

Emissions Control:

- Lean Burn
- AFRC
- NSCR
- SCR
- Tier I Certified
- Tier II Certified
- Tier III Certified
- Other (Describe)

GENERATOR #2 INFORMATION

Manufacturer: _____ Model #: _____ Serial #: _____

Year: _____ Site Horsepower Rating: _____ Annual Operating Hours: _____

Fuel Type:

Natural Gas LP Gas Diesel Gasoline

Fuel Consumption (specify units): _____ Fuel Sulfur Content (specify units): _____

Emissions Data:

	g/hp-hr	lb/hr	tpy
NO _x	_____	_____	_____
CO	_____	_____	_____
VOC	_____	_____	_____
PM ₁₀	_____	_____	_____
SO _x	_____	_____	_____

Emissions Control:

- Lean Burn
- AFRC
- NSCR
- SCR
- Tier I Certified
- Tier II Certified
- Tier III Certified
- Other (Describe)

(Use additional Generator Forms if using more than 2 generators)

ADDITIONAL INFORMATION:

Please use the following hierarchy for determining emissions from generators.

1. **Emission rates in g/hp-hr based on manufacturer's information:** Provide a copy of the manufacturer's information with the application.
2. **Emission rates in g/hp-hr based on actual test data:** Provide a copy of the test report with the application.
3. **Emission factors:** Documentation from the manufacturer must be provided with the application stating no emission factors are available for the generator before the Division will accept other emission factors such as AP-42.



STATE OF WYOMING
Department of Environmental Quality
Air Quality Division
WAQS&R Chapter 6, Section 2 Permit Application
Crushing/Screening Operations
Emission Summary Form



Fill out this portion of the form for every emission source (existing & proposed)

Source	TSP	PM ₁₀	NO _x	CO	SO ₂	VOC	HAP
	TPY	TPY	TPY	TPY	TPY	TPY	TPY
Total							

Form v. 1/26/1

IMPACTOR GRIZZLY BYPASS

GENSET
CONTROL
VAN

SANDVIK
CONE
CRUSHER

IMPACTOR

FINISH
SCREEN

SCALPING
SCREEN

CONCRETE
POCK

CRUSHED
FLYES

3/4" BASE

ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED TO BE IN INCHES
AND FRACTIONS THEREOF. DIMENSIONS OF MATERIALS TO BE USED
SHALL BE AS SHOWN ON DRAWING. DIMENSIONS OF MATERIALS TO BE USED
SHALL BE AS SHOWN ON DRAWING. DIMENSIONS OF MATERIALS TO BE USED
SHALL BE AS SHOWN ON DRAWING.

FOR ALL DIMENSIONS, UNLESS OTHERWISE SPECIFIED, TO BE IN INCHES
AND FRACTIONS THEREOF. DIMENSIONS OF MATERIALS TO BE USED
SHALL BE AS SHOWN ON DRAWING. DIMENSIONS OF MATERIALS TO BE USED
SHALL BE AS SHOWN ON DRAWING.

ORDER TO CUSTOMARY ALL DIMENSIONS IN INCHES

APPROVED BY: [Signature]

DATE: [Date]

PROJECT: CROELL REDI-MIX SUNDANCE, WY PLANT LAYOUT

metso minerals

APPROVED BY: [Signature]

DATE: [Date]

PROJECT: CROELL REDI-MIX SUNDANCE, WY PLANT LAYOUT



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

December 2, 2008

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

Re: Permit Application No. AP-8685
(Portable Crushing & Conveyor Equipment)

Dear Ms. Ewing:

The Division has reviewed Croell Redi-Mix's application to install portable crushing and conveyor equipment initially located at the Roger's Rock Pit in the NW¼NE¼ of Section 25, T52N, R62W, in Crook County, Wyoming. The Division finds the application to be complete, and will proceed with a technical review of the application. It should be noted that this does not preclude the Air Quality Division from requesting additional technical information or clarification at a later date, as deemed necessary. A decision will be made to either approve or disapprove your request within sixty (60) days of the determination that the application is complete.

If you have any questions, you may contact this office at (307) 777-7340.

Sincerely,

Nick Meeker
Air Quality Engineer
Air Quality Division

cc: Tanner Shatto
File: AP-8685

PA 10 21

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
--	---	---	---	--	--	---





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

November 26, 2008

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

Permit Application Receipt Notice
Application No. AP-8685

Dear Ms. Ewing:

This is to confirm the receipt of your permit application for the Roger's Rock Pit located in Crook County, Wyoming. The application was received on November 25, 2008. Please refer to Application Number, AP-8685, in any future correspondence regarding this application.

For your information, a permit to construct or modify must be issued prior to any work beginning on the facility. The Division defines earthwork, pouring of foundations, etc. to be work on the facility and therefore a violation of Chapter 6, Section 2(a)(1) requirements, when conducted without a permit.

The application will be reviewed within thirty (30) days of receipt, and you will be notified as to whether or not the application is complete. If the application is complete, a decision will be made to either approve or disapprove your request within sixty (60) days of the determination that the application is complete. Once the decision to approve your request is made, a thirty (30) day public comment period is required, after such time a permit will be issued. If the decision is made to disapprove your request, you will be so notified and provided with the reason(s) for denial.

Per Chapter 6, Section 2(o), fees will be assessed on an hourly basis for the time incurred in processing the application. As of July 1, 2008, the hourly rate is \$58 per hour.

If you should have any questions concerning this matter, please feel free to contact this office.

Sincerely,

Darla J. Potter
NSR Program Supervisor
Air Quality Division

cc: Tanner Shatto
Nick Meeker



DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

Permit Application Analysis
AP-8685

December 2, 2008

NAME OF FIRM: Croell Redi-Mix
NAME OF LOCATION: Roger's Rock Pit
LOCATION: NW¼NE¼ of Section 25, T52N, R62W
Crook County, Wyoming
TYPE OF OPERATION: Portable Crushing and Conveyor Equipment
RESPONSIBLE OFFICIAL: Julie Ewing, Safety Director
MAILING ADDRESS: PO Box 1352
Sundance, WY 82729
TELEPHONE: (307) 283-2221
REVIEWING ENGINEER: Nick Meeker, Air Quality Engineer

PURPOSE OF APPLICATION:

On November 25, 2008, the Division of Air Quality received an application from Croell Redi-Mix to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW¼NE¼ of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph).

PROPOSED EQUIPMENT:

- 2006 Metso NP1415 Primary Impact Crusher (SN-20670118)
- Two (2) Conveyor Transfer/Drop Points

PERMIT HISTORY:

The Roger's Rock Pit is permitted under Air Quality Permit CT-4526, issued to Croell Redi-Mix on February 13, 2007.

This permit shall supersede Air Quality Permit CT-4527, which was issued on February 13, 2007 to Croell Redi-Mix for a portable crushing/screening plant.

A map of the initial location is included in Appendix A.

ESTIMATED EMISSIONS:

The pollutants of concern are fugitive particulate matter emitted from the crushing and conveyor operations. The Division estimated emissions based on EPA document, AP-42, "Compilation of Emission Factors". Application of water during crushing and conveyor operations is credited for 50% control efficiency. Table 1 lists the existing emissions from Air Quality Permit CT-4527 and the estimated emissions from the crushing and conveyor operations based on 400,000 tpy of produced material. The major pollutants emitted from the crushing and conveyor operations include total suspended particulate (TSP) and particulate matter less than 10 microns (PM₁₀). Emission calculations are detailed in Appendix B.

Table 1: Estimated Emissions, tpy¹					
Source	TSP	PM ₁₀	NO _x	CO	SO _x
Existing Emissions³					
Telsmith 30x40 Primary Crusher (SN-505M1761C56)	0.1	0.1	--	--	--
Sandvik H48800 Secondary Crusher (SN-441382100)	0.1	0.1	--	--	--
Cedar Rapids 6x20 Primary Screen (SN-46509)	0.6	0.2	--	--	--
Cedar Rapids TSS6203 Secondary Screen (SN-52059)	0.6	0.2	--	--	--
Caterpillar D200P3 Diesel Generator (SN-200TG3127) ²	0.1	0.1	1.9	2.3	<0.1
Fifteen (15) Conveyer Transfer/Drop Points	1.4	0.2	--	--	--
Stockpiling	1.6	0.7	--	--	--
Exposed Acreage	1.5	0.4	--	--	--
Blasting	<0.1	--	0.1	0.3	<0.1
Total Existing Emissions	5.3	1.7	2.0	2.6	<0.1
Proposed Emissions					
Metso NP1415 Primary Impact Crusher (SN-20670118)	0.5	0.2	--	--	--
Two (2) Conveyer Transfer/Drop Points	0.6	0.2	--	--	--
Total Proposed Emissions	1.1	0.4	--	--	--
Facility Total Emissions	6.4	2.1	2.0	2.6	<0.1

¹ Emissions estimated to nearest 0.1 ton

² Emissions are based on 1,000 hours of operation per year

³ Existing emissions from Air Quality Permit CT-4527

BEST AVAILABLE CONTROL TECHNOLOGY (BACT):

The Division considers the use of two (2) applications of chemical dust suppressant to be applied annually in accordance with the manufacturer's recommendations on the work areas, access roads, and haul roads to represent BACT for this type of operation.

BACT for crushing and conveyor operations shall consist of a wet suppression system to control fugitive emissions from the crushing and conveyor equipment and shall be operated to the extent necessary to limit visible emissions to twenty (20) percent opacity, or limits set to comply with 40 CFR, part 60, subpart OOO.

CHAPTER 6, SECTION 3 APPLICABILITY:

The crushing and conveyor equipment is not a "major source" as defined by Chapter 6, Section 3 of the Wyoming Air Quality Standards and Regulations (WAQSR). Emissions do not exceed the 100 tpy threshold of any regulated pollutant.

NEW SOURCE PERFORMANCE STANDARDS (NSPS):

All crushing and conveyor equipment located at this site will be subject to 40 CFR, part 60, subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants. The portable crushing and conveyor equipment is subject to 40 CFR, part 60, subpart OOO because the proposed equipment has a production rate over 150 tons per hour and was manufactured after August 1, 1985.

PREVENTION OF SIGNIFICANT DETERIORATION (PSD):

The proposed equipment is not a "major emitting facility" as defined by Chapter 6, Section 4 of the Wyoming Air Quality Standards and Regulations. Therefore, further analysis is not required under this section.

AMBIENT AIR QUALITY:

It is the Division's experience that ambient air quality standards will be maintained with the utilization of the control measures recognized as BACT for crushing and conveyor operations.

PROPOSED PERMIT CONDITIONS FOR PORTABLE MINING EQUIPMENT:

The Division is proposing to issue a construction permit to Croell Redi-Mix for the portable crushing/screening equipment subject to the following conditions:

1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. That all substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. That all notifications, reports and correspondences associated with this permit shall be submitted to the Stationary Source Compliance Program Manager, Air Quality Division, 122 West 25th Street, Cheyenne, WY 82002.
4. That the allowable opacity for fugitive emissions associated with the crushing/screening equipment shall be limited to 15%, the allowable opacity for screen, conveyor transfer points and other fugitive emission points shall be limited to 10% as determined by 40 CFR, part 60, Appendix A, Method 9.

5. That the crushing/screening equipment shall be equipped with a wet suppression system to control fugitive emissions from the crushing/screening equipment. The wet suppression system shall operate to the extent necessary comply with the allowable opacity limits established in condition 4.
6. That all unpaved portions of the haul roads, access roads, work areas and stockpiles associated with this crushing/screening equipment shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion.
7. That Croell Redi-Mix shall comply with all applicable requirements of 40 CFR part 60, subpart 000.
8. In accordance with Chapter 6, Section 2(b)(ii) of the WAQSR, Croell Redi Mix shall submit a "self-issuance" relocate permit for each new location. Such permit shall be executed and copies provided to the Air Quality Division prior to operation at the new location. A fee will be assessed upon issuance of the relocation permit.
9. Croell Redi Mix shall keep a copy of the permit and the relocation permit with the crushing/screening equipment at all times.
10. Croell Redi Mix shall document that the 250 hp Caterpillar generator is Tier I certified.
11. This permit shall supersede Air Quality Permit CT-4527.



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

December 10, 2008

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

CERTIFIED – RETURN RECEIPT REQUESTED
Notice of Publication
Permit Application AP-8685

Dear Ms. Ewing:

The Division of Air Quality has completed its initial evaluation of your permit application to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph).

A copy of the public notice and of our evaluation is enclosed for your information. I would recommend that you review the proposed permit conditions associated with the Division's proposed approval. The Public Notice will appear in the December 18, 2008 issue of the Sundance Times, Sundance, Wyoming.

A copy of our evaluation and of your permit application will be kept on file for a thirty (30) day public inspection and comment period. At the end of this period, we will consider all comments made concerning your application and a final decision will be made on your application.

Per Chapter 6, Section 2(o) of the Wyoming Air Quality Standards & Regulations an initial billing is attached for the costs incurred by the Department in reviewing the application. Payment of the initial fee is required prior to permit issuance. An additional fee and any adjustments required to the initial fee shall be made upon permit issuance to cover any additional costs associated with final permit issuance, including costs of public notice, holding public hearings, reviewing public comments and final issuance of permit.

If you should have any questions concerning this matter, please feel free to contact me.

Sincerely,

Andrew Keyfauber
NSR Permit Engineer
Air Quality Division

cc: Tanner Shatto
Bob Gill





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

ve Freudenthal, Governor

John Corra, Director

December 10, 2008

CERTIFIED - RETURN RECEIPT REQUESTED

Crook County Clerk
P.O. Box 37
Sundance, WY 82729

Enclosed is a copy of **one** public notice that we wish to have posted on your bulletin board for a period of thirty (30) days, running from **December 18, 2008 through January 20, 2009**.

Also enclosed are related materials to be made available for public inspection upon request. At the end of the thirty days, please dispose of these materials.

Thank you for your assistance in this matter.

Sincerely,

Kimberly M. Metz
NSR Assistant
Air Quality Division

Enclosure



STATE OF WYOMING

Department of Environmental Quality/Division of Air Quality

PUBLIC NOTICE

Chapter 6, Section 2(m) of the Wyoming Air Quality Standards and Regulations provides that prior to final determination on an application to modify an existing source, opportunity be given for public comment and/or public hearing on the information submitted by the owner or operator and on the analysis underlying the proposed approval or disapproval. The regulation further requires that such information be made available in at least one location in the affected air quality control region, and that the public be allowed a period of thirty (30) days in which to submit comments. A public hearing will be conducted only if in the opinion of the administrator sufficient interest is generated or if an aggrieved party so requests.

Notice is hereby given that the State of Wyoming, Department of Environmental Quality, Division of Air Quality, proposes to approve a request by the following applicant to modify an existing source in Crook County, Wyoming.

Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

The applicant has requested permission to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph). A copy of the permit application and the agency's analysis is available for public inspection at the Crook County

Clerk's Office, Sundance, Wyoming. In accordance with the Americans with Disabilities Act, special assistance or alternate formats will be made available upon request for individuals with disabilities.

Comments may be directed to David A. Finley, Administrator, Division of Air Quality, Department of Environmental Quality, 122 W. 25th St., Cheyenne, Wyoming 82002. Please reference AP-8685 in your comment. All comments received by 5:00 p.m., Tuesday, January 20, 2009 will be considered in the final determination on this application.

PUBLIC NOTICE

Chapter 6, Section 2(m) of the Wyoming Air Quality Standards and Regulations provides that prior to final determination on an application to modify an existing source, opportunity be given for public comment and/or public hearing on the information submitted by the owner or operator and on the analysis underlying the proposed approval or disapproval. The regulation further requires that such information be made available in at least one location in the affected air quality control region, and that the public be allowed a period of thirty (30) days in which to submit comments. A public hearing will be conducted only if in the opinion of the administrator sufficient interest is generated or if an aggrieved party so requests.

Notice is hereby given that the State of Wyoming, Department of Environmental Quality, Division of Air Quality, proposes to approve a request by the following applicant to modify an existing source in Crook County, Wyoming.

Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

The applicant has requested permission to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph). A copy of the permit application and the agency's analysis is available for public inspection at the Crook County Clerk's Office, Sundance, Wyoming. In accordance with the Americans with Disabilities Act, special assistance or alternate formats will be made available upon request for individuals with disabilities.

Comments may be directed to David A. Finley, Administrator, Division of Air Quality, Department of Environmental Quality, 122 W. 25th St., Cheyenne, Wyoming 82002. Please reference AP-8685 in your comment. All com-

ments received by 5:00 p.m., Tuesday, January 20, 2009 will be considered in the final determination on this application.

Publish: December 18, 2008



Affidavit of Publication

STATE OF WYOMING)
) ss.
County of Crook)

I, Curt Moberg, Linda Moberg or Jeff Moberg

Owner or Representative

of THE SUNDANCE TIMES/WYOMING PIONEER, a weekly newspaper published every Thursday at Sundance, Wyoming, do solemnly swear that a copy of the notice per clipping is attached, was published weekly in the regular and entire issue of the said newspaper and not in any supplement thereof for

1 consecutive weeks,

commencing with the issue dated 12/18, 2008

and ending with the issue dated 12/18, 2008

Jeff Moberg

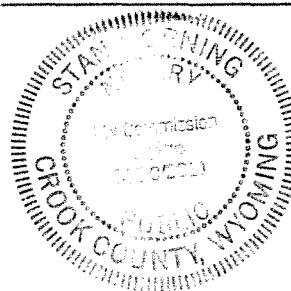
State of Wyoming

County of Crook

Signed and sworn to (or affirmed) before me on

12-18, 2008 by Jeff Moberg

[Signature]



Notary Public

My commission expires: 12-20-2011



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

January 21, 2009

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

RE: Air Quality Permit MD-8685

Dear Ms. Ewing:

Enclosed is the Air Quality Permit to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph)

For portable crushing/screening operations in the State of Wyoming, the Division typically requires the owner to keep a copy of the current relocation permit, the original Air Quality Permit, and the Tier certification for the diesel generator with the portable equipment at all times. This requirement was not clearly specified in the proposed permit conditions published December 18, 2008 in the Sundance Times. To clarify this requirement the Division moved proposed permit condition 10 to condition 8 in the final permit. Proposed permit condition 8 moved to condition 9 in the final permit and proposed condition 9 was expanded to include a copy of the Tier I certification for the 250 hp Caterpillar engine and moved to condition 10 in the final permit.

If we may be of further assistance to you, please feel free to contact this office.

Sincerely,

David A. Finley
Administrator
Air Quality Division

cc: Tanner Shatto





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

January 21, 2009

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

Permit No. MD-8685

Dear Ms. Ewing:

The Division of Air Quality of the Wyoming Department of Environmental Quality has completed final review of Croell Redi-Mix's application to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph).

Following this agency's proposed approval of the request as published December 18, 2008 and in accordance with Chapter 6, Section 2(m) of the Wyoming Air Quality Standards and Regulations, the public was afforded a 30-day period in which to submit comments concerning the proposed modification, and an opportunity for a public hearing. No comments have been received. Therefore, on the basis of the information provided to us, approval to modify the Roger's Rock Pit as described in the application is hereby granted pursuant to Chapter 6, Section 2 of the regulations with the following conditions:

1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. That all substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. That all notifications, reports and correspondences associated with this permit shall be submitted to the Stationary Source Compliance Program Manager, Air Quality Division, 122 West 25th Street, Cheyenne, WY 82002.
4. That the allowable opacity for fugitive emissions associated with the crushing/screening equipment shall be limited to 15%, the allowable opacity for screen, conveyor transfer points and other fugitive emission points shall be limited to 10% as determined by 40 CFR, part 60, Appendix A, Method 9.

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
--	---	---	---	--	--	---




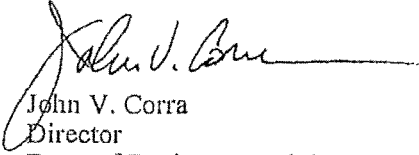
5. That the crushing/screening equipment shall be equipped with a wet suppression system to control fugitive emissions from the crushing/screening equipment. The wet suppression system shall operate to the extent necessary comply with the allowable opacity limits established in condition 4.
6. That all unpaved portions of the haul roads, access roads, work areas and stockpiles associated with this crushing/screening equipment shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion.
7. That Croell Redi-Mix shall comply with all applicable requirements of 40 CFR part 60, subpart 000.
8. Croell Redi-Mix shall document that the 250 hp Caterpillar generator is Tier I certified.
9. In accordance with Chapter 6, Section 2(b)(ii) of the WAQSR, Croell Redi Mix shall submit a "self-issuance" relocate permit for each new location. Such permit shall be executed and copies provided to the Air Quality Division prior to operation at the new location. A fee will be assessed upon issuance of the relocation permit.
10. Croell Redi Mix shall keep a copy of the permit, the relocation permit, and the Tier I certification for the 250 hp Caterpillar generator with the crushing/screening equipment at all times.
11. This permit shall supersede Air Quality Permit CT-4527.

It must be noted that this approval does not relieve you of your obligation to comply with all applicable county, state, and federal standards, regulations or ordinances. Special attention must be given to Chapter 6, Section 2 of the Wyoming Air Quality Standards and Regulations, which details the requirements for compliance with condition 9. Any appeal of this permit as a final action of the Department must be made to the Environmental Quality Council within sixty (60) days of permit issuance per Section 16, Chapter I, General Rules of Practice and Procedure, Department of Environmental Quality.

If we may be of further assistance to you, please feel free to contact this office.

Sincerely,


David A. Finley
Administrator
Air Quality Division

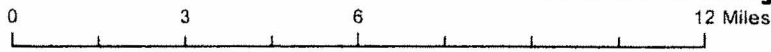
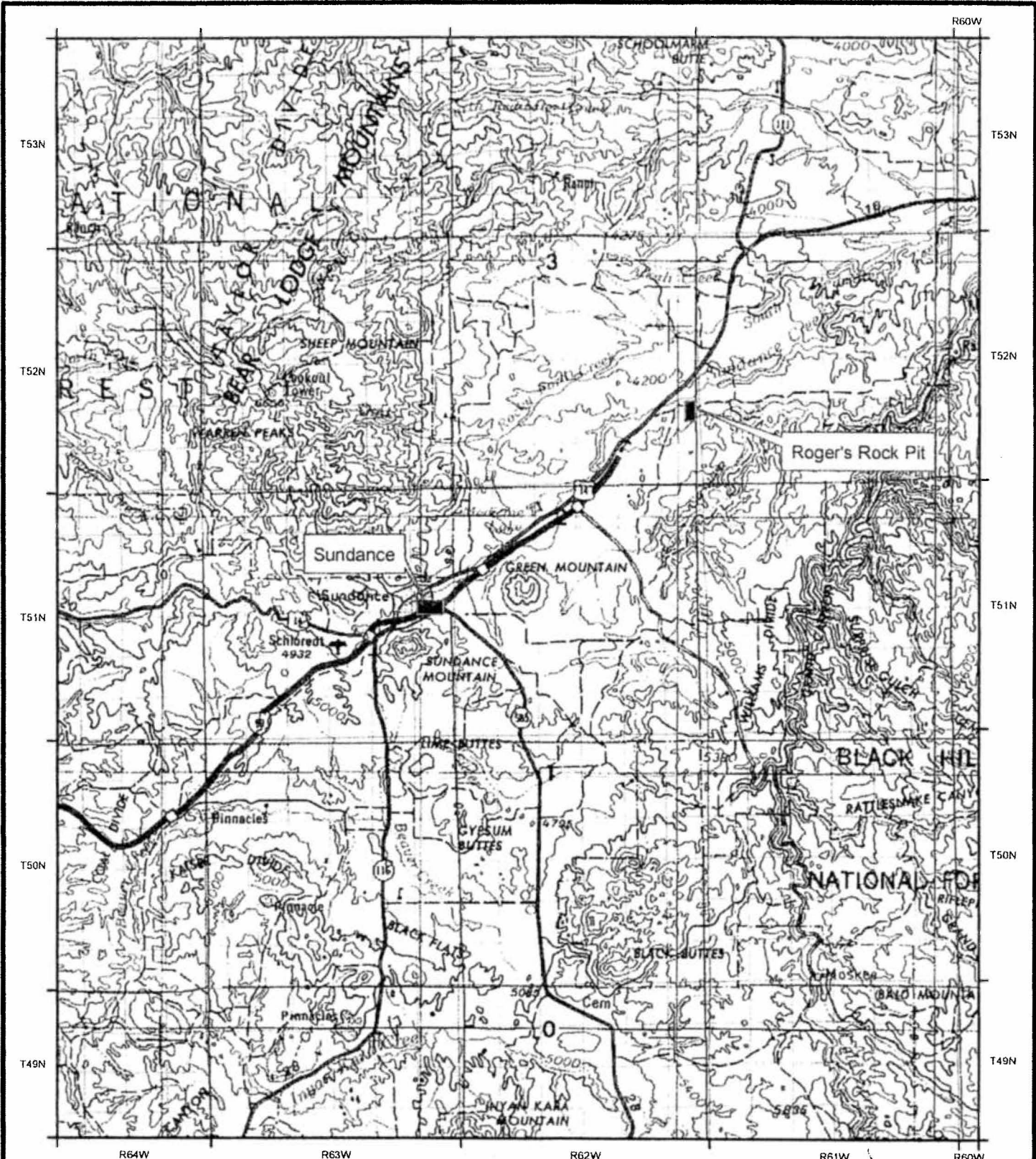

John V. Corra
Director
Dept. of Environmental Quality

cc: Tanner Shatto

Source	TSP	PM ₁₀	NO _x	CO	SO _x
Metso NP1415 Primary Impact Crusher (SN-20670118)	0.5	0.2	--	--	--
Two (2) Conveyor Transfer/Drop Points	0.6	0.2	--	--	--
Total Emissions	1.1	0.4	--	--	--

¹ Emissions estimated to nearest 0.1 ton

APPENDIX A
Initial Location Map



Croell Redi-Mix, Inc.
Roger's Rock Pit
NW1/4 NE1/4 of Section 25, T52N, R62W
Crook County



APPENDIX B

Emission Estimates

CRUSHING EMISSIONS

Based on a 400,000 tpy throughput, TSP and PM₁₀ emissions associated with crushing operations were estimated as follows:

Crushing: 0.0054 lb/ton TSP, 0.0024 lb/ton PM₁₀
AP-42 Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{400,000 \frac{\text{ton}}{\text{year}} \times 0.0054 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.54 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{400,000 \frac{\text{ton}}{\text{year}} \times 0.0024 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.24 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

CONVEYOR TRANSFER POINT EMISSIONS:

Based on a 400,000 tpy maximum production rate, TSP and PM₁₀ emissions associated with six (6) conveyor transfer points were estimated as follows:

Conveyor transfer point: 0.0030 lb/ton TSP, 0.0011 lb/ton PM₁₀
AP-42 Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{400,000 \frac{\text{ton}}{\text{year}} \times 0.0030 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.30 \frac{\text{ton}}{\text{year}} \text{ (50\% control) per transfer point}$$

$$\text{TSP Emissions} = 0.30 \text{ tpy} \times 2 \text{ transfer points} = 0.60 \text{ tpy}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{400,000 \frac{\text{ton}}{\text{year}} \times 0.0011 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.11 \frac{\text{ton}}{\text{year}} \text{ (50\% control) per transfer point}$$

$$\text{PM}_{10} \text{ Emissions} = 0.11 \text{ tpy} \times 6 \text{ transfer points} = 0.22 \text{ tpy}$$

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
Permit Application Review Fees**

Pay Key: 0

Final Invoice

Vendor #

Applicant: Croell Redi-Mix, Roger

Invoice Number: AP- 8685-2

MD-8685

Final Billing Date: 2/5/2009

Initial Fee:

Staff Review of Application:

0	hrs @ \$24.00 per hour	(Prior To July 1, 2002)	\$0.00
0	hrs @ \$30.00 per hour	(July 1, 2002 through June 30, 2006)	\$0.00
0	hrs @ \$44.00 per hour	(July 1, 2006 through June 30, 2008)	\$0.00
8	hrs @ \$58.00 per hour	(Post June 30, 2008)	\$464.00

Total Initial Fee **\$464.00**

Amount of Initial Bill Received: Date Payment Received 1/13/2009 \$464.00

Final Fee:

Review Comments, Preparing / Issuing Permit, and Hearing

0	hrs @ 30.00 per hour		\$0.00
0	hrs @ 44.00 per hour		\$0.00
13.5	hrs @ 58.00 per hour	Date Payment Received _____	\$783.00

Total Final Fee **\$783.00**

PN End Date 1/20/2009

Total Permit Fee **\$1,247.00**

Total Amount Received (-) **\$464.00**

TOTAL AMOUNT DUE **\$783.00**

Payment of fee is due on receipt of this bill.

Payment of initial fee is required before the issuance of any permit.

Please reference application file number on your check to ensure proper handling.

Make Check Payable to: Wyoming Air Quality Division
122 West 25th Street (Herschler Bldg 2E)
Cheyenne, WY 82002

Authority: W.S. 35-11-211, Chapter 6, Section 2(a)(v) and Section 2(o) of the Wyoming Air Quality Standards and Regulations (WAQSR).
Explanation: In accordance with the above referenced statute and regulations a fee is to be assessed on the applicant for costs incurred by the Department in reviewing and issuing permits under Chapter 6, Section 2 of the WAQSR. An initial billing is to be based on the cost of reviewing the application up to the time an initial decision is made and a final billing is to be made for any additional costs incurred (from the date of public notice) in reaching a final decision, including the costs of issuing a permit.

CROELL REDI-MIX, INC., SUNDANCE, WY 82729

INV. DATE
1/31/2009

INVOICE NO.
AP-8685-2

DESCRIPTION

GROSS AMT
783.00

DISC AMT
0.00

024075
PAYMENT
783.00

CHECK MEMO:

PAID 02/10/09

WYOMING AIR QUALITY DIVISION

783.00

0.00

783.00

FOR SECURITY PURPOSES THE FACE OF THIS DOCUMENT CONTAINS A COLORED BACKGROUND AND MICROPRINTING



CROELL REDI-MIX, INC.
P.O. BOX 1352
SUNDANCE, WY 82729

SUNDANCE STATE BANK
SUNDANCE, WYOMING 82729
99-97/1023

024075

DATE
2/10/2009

AMOUNT
783.00

PAY Seven hundred eighty-three and 00/100 dollars
TO THE
ORDER
OF

WYOMING AIR QUALITY DIVISION
122 WEST 25TH STREET
CHEYENNE WY 82002

Roger Croell

AUTHORIZED SIGNATURE

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK. HOLD AT AN ANGLE TO VIEW

024075 102300970 89443



2719 South Hwy 585
P.O. Box 1352
Sundance, Wyoming 82729
Phone: 307-283-2221
Fax: 307-283-1450

June 30, 2009



WYDEQ/Air Quality
ATTN: Chad Schlichtemeier
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: AIR QUALITY PERMIT #MD-8685

Dear Mr. Schlichtemeier:

On January 21, 2009 Croell Redi-Mix, Inc. received air quality permit MD-8685. In a recent field inspection it was brought to our attention that this particular permit superseded air quality permit CT-4527. Our intention of the application for air quality permit #MD-8685 was only to add a secondary crusher to the existing spread of equipment we had permitted as CT-4527. Does condition number eleven in permit MD-8685, which states, "This permit shall supersede Air Quality Permit CT-4527," remove our air quality for the equipment permitted by CT-4527 or does this new permit encompass all equipment. Our intention is to hold two separate air quality permits so both crushers can operate simultaneously.

Could you please look into this at your earliest convenience and let me know what steps I need to take to clear this situation up? Thank you for your help and please do not hesitate to contact me at the above address should you have any questions or concerns regarding this matter.

Sincerely,

A handwritten signature in black ink that reads "Julie Ewing". The signature is fluid and cursive.

Julie Ewing
Health and Safety Director
Croell Redi-Mix, Inc.

Cc: Tanner Shatto

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Croell Redi Mix Inc
Address: PO Box 1352 Sundance Wyo 82729
Telephone No.: 307-283-2221 Current Air Quality Permit No. ~~9184~~ MD-8685
Description of equipment included under permit: cone crusher

Location of Operations: W1/2 1/4 Section 10, Township 31
North, Range 7D West, County Converse Other (Highway Milepost,
Town, Pit Name, etc.) Douglas Wyo
Duration of Operations at Location: in Le MOS
Start Date at New Location: in Sept 1 2009 (approx date)
Production Rate: Tons per hour 300 T max
Total production at new location 60,000 80,000.00

Comments: _____

Certification

I hereby certify that:

- 1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
- 2. A current Air Quality Permit is in effect for the above described equipment.
- 3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature [Signature] Typed Name Julie Ewing
Title Safety Director

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

September 3, 2009

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

Permit No. MD-8685 (Corrected)

Dear Ms. Ewing:

Enclosed is the corrected permit referenced above for portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming.

By letter dated June 30, 2009, Croell Redi-Mix requested to correct Air Quality Permit MD-8685 to include the existing equipment from Air Quality Permit CT-4527. It was not the Division's intent to only include the Metso NP1415 primary impact crusher (SN:20670118) and two (2) conveyor transfer/drop points in Air Quality Permit MD-8685. Therefore, the Division has corrected Air Quality Permit MD-8682 to include the previously permitted equipment from Air Quality Permit CT-4527.

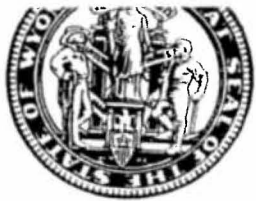
If we may be of further assistance to you, please feel free to contact this office.

Sincerely,

David A. Finley
Administrator
Air Quality Division

cc: Tanner Shatto





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

September 3, 2009

Ms. Julie Ewing
Health & Safety Director
Croell Redi-Mix
PO Box 1352
Sundance, WY 82729

Permit No. MD-8685 (Corrected)

Dear Ms. Ewing:

The Division of Air Quality of the Wyoming Department of Environmental Quality has completed final review of Croell Redi-Mix's application to modify portable crushing/screening and conveyor equipment to be initially located at the Roger's Rock Pit in the NW1/4NE1/4 of Section 25, T52N, R62W, approximately eight (8) miles east-northeast of Sundance, in Crook County, Wyoming. Maximum production for the crushing and conveyor equipment is reported at 400,000 tons per year (tpy) and 350 tons per hour (tph).

Following this agency's proposed approval of the request as published December 18, 2008 and in accordance with Chapter 6, Section 2(m) of the Wyoming Air Quality Standards and Regulations, the public was afforded a thirty (30) day period in which to submit comments concerning the proposed modification, and an opportunity for a public hearing. No comments have been received. Therefore, on the basis of the information provided to us, approval to modify the Roger's Rock Pit as described in the application is hereby granted pursuant to Chapter 6, Section 2 of the regulations with the following conditions:

1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. That all substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. That all notifications, reports and correspondences associated with this permit shall be submitted to the Stationary Source Compliance Program Manager, Air Quality Division, 122 West 25th Street, Cheyenne, WY 82002.
4. That the allowable opacity for fugitive emissions associated with the crushing/screening equipment shall be limited to 15%, the allowable opacity for screen, conveyor transfer points and other fugitive emission points shall be limited to 10% as determined by 40 CFR, part 60, Appendix A, Method 9.

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
--	---	---	---	--	--	---

Page 29

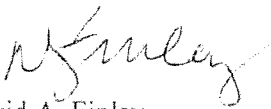


5. That the crushing/screening equipment shall be equipped with a wet suppression system to control fugitive emissions from the crushing/screening equipment. The wet suppression system shall operate to the extent necessary comply with the allowable opacity limits established in condition 4.
6. That all unpaved portions of the haul roads, access roads, work areas and stockpiles associated with this crushing/screening equipment shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion.
7. That Croell Redi-Mix shall comply with all applicable requirements of 40 CFR part 60, subpart 000.
8. Croell Redi-Mix shall document that the 250 hp Caterpillar generator is Tier I certified.
9. In accordance with Chapter 6, Section 2(b)(ii) of the WAQSR, Croell Redi Mix shall submit a "self-issuance" relocate permit for each new location. Such permit shall be executed and copies provided to the Air Quality Division prior to operation at the new location. A fee will be assessed upon issuance of the relocation permit.
10. Croell Redi Mix shall keep a copy of the permit, the relocation permit, and the Tier I certification for the 250 hp Caterpillar generator with the crushing/screening equipment at all times.
11. This permit shall supersede Air Quality Permit CT-4527.

It must be noted that this approval does not relieve you of your obligation to comply with all applicable county, state, and federal standards, regulations or ordinances. Special attention must be given to Chapter 6, Section 2 of the Wyoming Air Quality Standards and Regulations, which details the requirements for compliance with condition 9. Any appeal of this permit as a final action of the Department must be made to the Environmental Quality Council within sixty (60) days of permit issuance per Section 16, Chapter I, General Rules of Practice and Procedure, Department of Environmental Quality.

If we may be of further assistance to you, please feel free to contact this office.

Sincerely,



David A. Finley
Administrator
Air Quality Division



John V. Corra
Director
Dept. of Environmental Quality

cc: Tanner Shatto

Table 1: Estimated Emissions, tpy¹					
Source	TSP	PM ₁₀	NO _x	CO	SO _x
Telsmith 30x40 Primary Crusher (SN-505M1761C56)	0.1	0.1	--	--	--
Sandvik H48800 Secondary Crusher (SN-441382100)	0.1	0.1	--	--	--
Cedar Rapids 6x20 Primary Screen (SN-46509)	0.6	0.2	--	--	--
Cedar Rapids TSS6203 Secondary Screen (SN-52059)	0.6	0.2	--	--	--
Caterpillar D200P3 Diesel Generator (SN-200TG3127) ²	0.1	0.1	1.9	2.3	<0.1
Fifteen (15) Conveyer Transfer/Drop Points	1.4	0.2	--	--	--
Stockpiling	1.6	0.7	--	--	--
Exposed Acreage	1.5	0.4	--	--	--
Blasting	<0.1	--	0.1	0.3	<0.1
Metso NP1415 Primary Impact Crusher (SN-20670118)	0.5	0.2	--	--	--
Two (2) Conveyor Transfer/Drop Points	0.6	0.2	--	--	--
Facility Total Emissions	7.1	2.4	2.0	2.6	<0.1

¹ Emissions estimated to nearest 0.1 ton

² Emissions are based on 1,000 hours of operation per year

Exhibit 21

EQC Docket 10-2803
Judith Bush

Frost Rock Products, Inc Permit CT 4089 AQD Portable Equipment Relocate Operate Permit (self-issuing relocate / operate permit)

FILED

OCT 29 2010

Jim Ruby, Executive Secretary
Environmental Quality Council

LQD issued an LMO permit (ET 1461) for Frost Rock Products, Inc. to operate in the Rogers Pit, side by side with Croell Redi-Mix LMO 1396.

Land Quality allowed Frost Rock Products to take over some of the land which Croell Redi-Mix had disturbed in violation of its LMO permit, and took some land out of the original Croell Redi-Mix LMO minesite on the basis that the land was dual purpose - serving both agricultural and mining purposes. (The scale area was removed from the original LMO, as well as an area where crusher waste was piled, on the basis that this would be used for fertilizer.

Although LQD informed Frost Rock Products that it would require an AQD mine permit as well, Frost did not apply for this permit.

Frost Rock Products moved Portable crushing equipment to the Rogers Pit. This equipment was already permitted under a self-issuing Portable Facility Relocate Operate Permit - Permit CT 4089. This equipment was rated at 1, 250,000 tons per year.

I am including copies of the various locations where this equipment had been operated to show that it produced a lot of product in very little time. Frost filed a self-issuing relocate /operate permit for each move. The form requires information on how long the equipment would remain at a new site, and how much it would produce. The permit to move to the Rogers Pit (Frost LMO permit 1461) - is noted on the form as "Croell - Sundance". The form does not state how much product will be produced in the year that Frost would be at the Rogers Pit. (This is a violation of WDEQ AQD Standards and Regulations. Ch. 6 Section 2(b)(ii), and AQD should have caught this omission.

DEQ AQD discovered in an inspection in June of 2009 that Frost was operating at the Rogers Pit, and gave Frost and Croell either of submitting an application to modify the Croell Redi-Mix Permit CT-4526 (permitting a ten acre minesite with a maximum of 100,000 tons per year) or for Frost to file an application for his own AQD mine permit. Frost did not file an application. Croell Redi-Mix had filed an application with the LQD to expand its operation to a regular mine permit. It filed for a companion AQD permit on June 30, 2008. Frost was permitted to continue operating at the Rogers Pit until it was played out.

I am not sure if a person can make an argument for this being technically legal. It is a legal argument to state that this was not consistent with the intent of the Environmental Quality Act, which, as I understand it, is that first you get a permit, then you operate - not first you operate, then you get caught, then you apply for a permit and continue to operate while your application is going through the approval process.

None of this would have occurred, if the DEQ had enforced the terms of the permits which it had issued. The attitude that I encounter is that this is water under the bridge, and that none of this is relevant to whether or not MD-9645 should remain in effect. However, if the DEQ doesn't start doing its job, the bridge is going to wash out. It's hard to blame the operator when the DEQ lets it happen.

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: 1 P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP378 SCT-4089

Description of equipment included under permit: portable Crusher

Location of Operations: N645W 1/4 Section 25, Township 52

North, Range 62 West, County Crook Other (Highway Milepost,

Town, Pit Name, etc.) Croell-Sundance

Duration of Operations at Location: 1 yr

Start Date at New Location: 2-23-09

Production Rate: Tons per hour 300

Total production at new location _____

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

2-25-09
JS

November 1, 2005

Mr. Sean Frost
President
Frost Rock Products Company
Box 426
Lovell, WY 82431

Permit No. CT-4089

Dear Mr. Frost:

The Division of Air Quality of the Wyoming Department of Environmental Quality has completed final review of Frost Rock Products Company's application to construct portable crushing and screening equipment including:

- 2005 Cedarapids Cone Crusher, Model # 54, SN 52678
- 2005 Cedarapids 3 deck, flat screen, SN 52690
- 1662 hp Caterpillar 3512 Generator, SN 24208656

The equipment will be initially located at the Lingle Pit, in the SE¼ and SW¼ of Section 8 and in the NE¼ and NW¼ of Section 17, T25N, R62W, approximately 10 miles northwest of Torrington, in Goshen County, Wyoming. The Lingle Pit is permitted under Land Quality Permit 318C, issued April 29, 2004 to Goshen County.

Following this agency's proposed approval of the request as published September 30, 2005 and in accordance with Chapter 6, Section 2(m) of the Wyoming Air Quality Standards and Regulations, the public was afforded a 30-day period in which to submit comments concerning the proposed new source, and an opportunity for a public hearing. No comments have been received. Therefore, on the basis of the information provided to us, approval to construct the portable crushing and screening equipment as described in the application is hereby granted pursuant to Chapter 6, Section 2 of the regulations with the following conditions:

1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. That all substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. That all unpaved portions of the haul roads, access roads, work areas and stockpiles associated with this plant shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion.

4. That the allowable opacity for fugitive emissions associated with the crusher shall be limited to 15%, the allowable opacity for screens, conveyor transfer points and other fugitive emission points shall be limited to 10% as determined by 40 CFR, Part 60, Appendix A, Method 9.
5. Frost Rock Products Company shall comply with all applicable regulations of 40 CFR, Part 60, Subpart OOO.
6. That the crushing/screening equipment shall utilize a wet suppression system at all times the crushing/screening equipment is in use. The wet suppression system shall be located at all belt transfer points and discharge points off the crushers/screens and discharge points and operated to the extent necessary to comply with the allowable opacity limits established in Condition 5.
7. The Caterpillar 3512 generator engine shall be Tier 1 certified. Records of the certification shall be maintained and made available to the Division upon request.
8. In accordance with Chapter 6, Section 2(b)(ii) of the Wyoming Air Quality Standards and Regulations, Frost Rock Products Company shall submit a self issuance ~~(re)~~locate permit for each new location. Such permit shall be executed and copies provided to the Air Quality Division prior to operation at the new location. A fee will be assessed upon issuance of the relocation permit.

It must be noted that this approval does not relieve you of your obligation to comply with all applicable county, state, and federal standards, regulations or ordinances. Special attention must be given to Chapter 6, Section 2 of the Wyoming Air Quality Standards and Regulations. Any appeal of this permit as a final action of the Department must be made to the Environmental Quality Council within sixty (60) days of permit issuance per Section 16, Chapter I, General Rules of Practice and Procedure, Department of Environmental Quality.

If we may be of further assistance to you, please feel free to contact this office.

Sincerely,

Dan Olson
Administrator
Air Quality Division

John V. Corra
Director
Dept. of Environmental Quality

cc: Glenn Spangler

DO/cs

Emission Estimates (t/yr)					
Source	NO _x	CO	VOC	TSP	PM ₁₀
Crushing	-	-	-	1.7	0.8
Screening	-	-	-	7.8	2.7
Stockpiling	-	-	-	13.7	4.1
Caterpillar 3512	31.6	38.9	4.6	-	1.8
Total Emissions	31.6	38.9	4.6	23.2	9.4



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Steve Freudenthal, Governor

John Corra, Director

August 24, 2005

Mr. Sean Frost
President
Frost Rock Products Company
Box 426
Lovell, WY 82431

Permit Application Receipt Notice
Application No. AP-3785

Dear Mr. Frost:

This is to confirm the receipt of your permit application for the Lingle Pit located in Goshen County, Wyoming. The application was received on August 22, 2005. Please refer to Application Number, AP-3785, in any future correspondence regarding this application.

For your information, a permit to construct or modify must be issued prior to any work beginning on the facility. The Division defines earthwork, pouring of foundations, etc. to be work on the facility and therefore a violation of Chapter 6, Section 2(a)(1) requirements, when conducted without a permit.

The application will be reviewed within thirty (30) days of receipt, and you will be notified as to whether or not the application is complete. If the application is complete, a decision will be made to either approve or disapprove your request within sixty (60) days of the determination that the application is complete. Once the decision to approve your request is made, a thirty (30) day public comment period is required, after such time a permit will be issued. If the decision is made to disapprove your request, you will be so notified and provided with the reason(s) for denial.

Per Chapter 6, Section 2(o), fees will be assessed on an hourly basis for the time incurred in processing the application.

If you should have any questions concerning this matter, please feel free to contact this office.

Sincerely,

Chad Schlichtemeier
NSR Program Supervisor
Air Quality Division

cc: Glenn Spangler
Jessica McCoy





STATE OF WYOMING
 Department of Environmental Quality - Air Quality Division
 Crushing/Screening Operations
 Permit Application Form

(Please submit three (3) copies of the complete application)

Reviewer D
 Copy to: _____



Company Name: FROST ROCK PRODUCTS COMPANY
 Contact: SEAN FROST Title: President
 Mailing Address: Box 426
 City: Lowell State: WY Zip: 82431
 Phone: 307-272-5961 Fax: 307-548-6227 E-Mail: sd frost@tct west.net

Initial Location
 Legal Description: 114: NE 1/4: NE Section: 17 T: 25 N R: 62 W
 Latitude: _____ Longitude: _____
 County: Goshen

Existing Pit/Quarry: Yes No
 Pit/Quarry Name: Lingle Pit Pit/Quarry Owner: Goshen County
 AQD Permit Number: 318C

Type of Material Crushed/Screened: Sand/Gravel
 Max. Hourly Production: 500 Tons/hr Max. Annual Production: 1,250,000 Tons per year
 Ave. Hourly Production: 400 Tons/hr
 Hours of Operation: 10 Hours/day 5 Days/week 50 Weeks/year

Equipment/Operation: Crushing Screening
 (mark all that apply) Wet Screening Stock Piling

Is the equipment intended for stationary or portable use: Stationary Portable

- All applications must include:**
- Documentation that the proposed site is located in accordance with proper land use planning as determined by the appropriate state or local agency charged with such responsibility. (Per Chapter 6, Section 2(c)(iv) of the WAQSR.)
 - A map identifying the location of the site.
 - A map identifying all haul roads, including county roads and any other unpaved roads, associated with the crushing/screening activities. Please indicate the distance material will be hauled until reaching pavement.
 - Brief process description with a plot plan depicting site set up with location of controls.

I, SEAN FROST _____ Title: President
 Responsible Official

state that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. The facility will operate in compliance with all Wyoming Air Quality Standards and Regulations.

Signature: [Signature] Date: 8-18-05



STATE OF WYOMING

Department of Environmental Quality - Air Quality Division
Crushing/Screening Operations
Crusher/Screen Form



Crusher

Primary: [X] Secondary: [] Tertiary: [] Other: []
(Use additional Crusher/Screen Forms if using more than 2 crushers)
Manufacturer: Cedarapids Model #: 54 Serial #: 52678
Type: [] Jaw [X] Cone [] Impact [] Other Type: []
Date Manufactured: 2005 Max. Crusher Capacity per Hour: 500 tons
Subject to NSPS - OOO (manufactured after August 1, 1985): [X] Yes [] No

Crusher

Primary: [] Secondary: [] Tertiary: [] Other: []
(Use additional Crusher/Screen Forms if using more than 2 crushers)
Manufacturer: [] Model #: [] Serial #: []
Type: [] Jaw [] Cone [] Impact [] Other Type: []
Date Manufactured: [] Max. Crusher Capacity per Hour: [] tons
Subject to NSPS - OOO (manufactured after August 1, 1985): [] Yes [] No

Screen

Manufacturer: Cedarapids Model #: 6x20 Serial #: 52690
Date Manufactured: 2005 Type: 3 deck, flat
Subject to NSPS - OOO (manufactured after August 1, 1985): [X] Yes [] No
(Use additional Crusher/Screen Forms if using more than 2 screens)

Screen

Manufacturer: [] Model #: [] Serial #: []
Date Manufactured: [] Type: []
Subject to NSPS - OOO (manufactured after August 1, 1985): [] Yes [] No
(Use additional Crusher/Screen Forms if using more than 2 screens)

of Conveyor Belts: 9 Number of Transfer/Drop Points: 12

of Stockpiles: 1 Size of Stock Piles: 90,000 tons

Source Control

Sources will be controlled as follows:

Table with 5 columns: Source, No Control, Water Spray, Chemical Dust Suppressant, Other (explain). Rows include Feed hopper, Transfer Points, Inlet to Crushers, Outlet of Crushers, Inlet to Screens, Outlet of Screens, Haul Roads, Work Areas, Stockpiles.



STATE OF WYOMING
 Department of Environmental Quality - Air Quality Division
 Crushing/Screening Operations
 Generator Form



Generator #1 Information: (Use additional Generator Forms if using more than 2 Generators)

Manufacturer: Caterpillar Model #: 3512 Serial #: 24Z08656

Site Horsepower Rating: 1662

Fuel Type:

Natural Gas LP Gas Diesel Gasoline

Fuel Consumption (specify units): 84 Fuel Sulfur Content (specify units): .05%

Emissions Data:

	<u>g/hp-hr</u>	<u>lb/hr</u>	<u>TPY</u>
NO _x		<u>31.89</u>	<u>39.86</u>
CO		<u>5.00</u>	<u>6.25</u>
VOC		<u>.53</u>	<u>.66</u>
PM ₁₀		<u>.92</u>	<u>1.15</u>
SO _x		<u>2.1</u>	<u>2.63</u>

Emissions Control:

Lean Burn Other
 AFRC Describe:
 NSCR
 SCR
 Tier I Certified
 Tier II Certified
 Tier III Certified

Generator #2 Information: (Use additional Generator Forms if using more than 2 Generators)

Manufacturer: _____ Model #: _____ Serial #: _____

Site Horsepower Rating: _____

Fuel Type:

Natural Gas LP Gas Diesel Gasoline

Fuel Consumption (specify units): _____ Fuel Sulfur Content (specify units): _____

Emissions Data:

	<u>g/hp-hr</u>	<u>lb/hr</u>	<u>TPY</u>
NO _x	_____	_____	_____
CO	_____	_____	_____
VOC	_____	_____	_____
PM ₁₀	_____	_____	_____
SO _x	_____	_____	_____

Emissions Control:

Lean Burn Other
 AFRC Describe:
 NSCR
 SCR
 Tier I Certified
 Tier II Certified
 Tier III Certified

Additional Information:

- Please use the following hierarchy for determining emissions from generators
1. g/hp-hr emission rates based on manufacturer's information. Provide a copy of the manufacturer's information with the application.
 2. g/hp-hr emission rates based on actual test data. Provide a copy of the test report with the application.
 3. Emission factors. Documentation from the manufacturer must be provided with the application stating no emission factors are available for the generator before the Division will accept other emission factors such as AP-42.



STATE OF WYOMING
 Department of Environmental Quality - Air Quality Division
 Crushing/Screening Operations
 Emission Summary Form



Fill out this portion of the form for every emission source (existing & proposed)

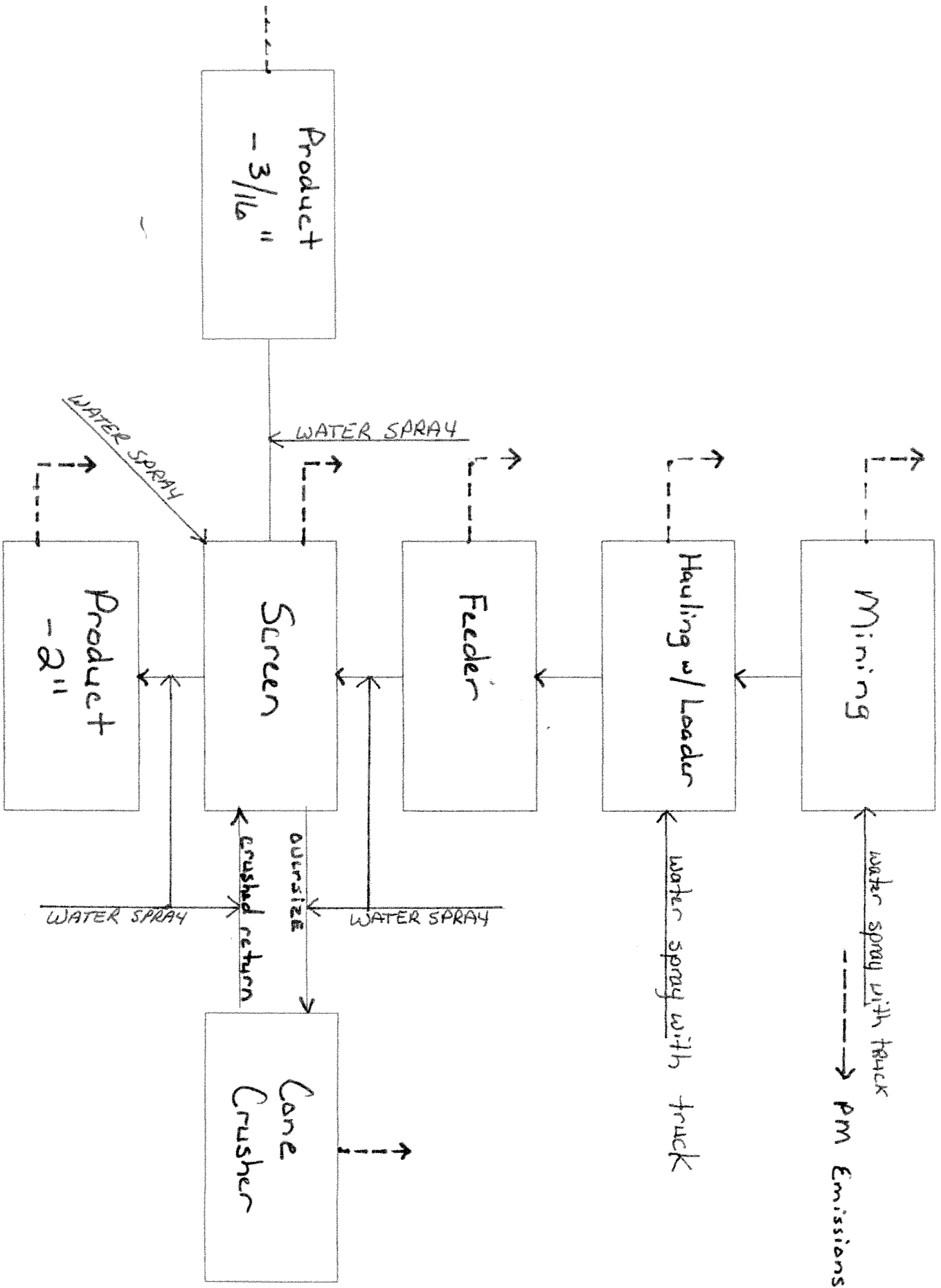
Source	PM ₁₀	NO _x	CO	VOC	SO ₂
	TPY	TPY	TPY	TPY	TPY
Cedarapids Cone Crusher	0.75				
Cedarapids Screen	2.7				
Transfer points (12)	3.75				
Pile forming	3.13				
Hauling (loader)	3.67				
Mining Gravel	1.56				
Dumping Gravel	4.69				
Generator	1.15	39.86	6.25	.66	2.63
Total	21.4	39.86	6.25	.66	2.63
FORM: AQD-CS4	Excel Format		REVISED: December 2004		

<u>Qt</u>	<u>Source</u>	<u>lbs/ton</u>	<u>tons</u>	<u>control measures</u>	<u>% control</u>	<u>TP4</u>
1	Cedarapids Cone	.0024	1,250,000	water	50	.75
1	Cedarapids Screen	.00865	1,250,000	water	50	2.7
12	Transfer Points	.001	1,250,000	water	50	3.75
10	Pile forming	.001	1,250,000	water	50	3.12
2	Hauling (Loaders)	3.9 lbs/UMT			90	3.67
1	Raw material removal	.005	1,250,000	water	50	1.56
1	Raw material dumping	.015				4.69
1	Gen					<u>1.15</u>
						21.39

Figures based on maximum annual production with 100% load on generator.

- 1) The gravel will be mined out of an existing open pit with a front end loader.
- 2) The gravel will be hauled to the feeder with a front end loader and dumped into the hopper of the belt feeder. The hopper is covered with grizzly bars to screen out large boulders.
- 3) From the belt feeder, the gravel will be transported to the vibrating screen by a conveyor belt.
- 4) The screen separates the oversize material from the sized material.
- 5) The oversized material is conveyed to the cone crusher, where it is crushed and returned to the screen for sizing.
- 6) The sized material is conveyed to the stockpile.
- 7) The stockpile will be built with a 150' Radial stacking conveyor.
- 8) Some of the $-3/16''$ material may have to be extracted to get the product to meet contract specifications. This will have to be piled separately. The $-3/16''$ material will be piled with a front end loader.
- 9) Water will be sprayed on the material during the screening, conveying, and crushing process.
- 10) Water will be sprayed on the work area as needed.

- 11) All material will be piled within the pit area.
- 12) The average haul distance for the front end loader will be 200'.



DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

Permit Application Analysis
AP-3785

September 27, 2005

NAME OF FIRM: Frost Rock Products Company

NAME OF FACILITY: Portable Crushing and Screening at Lingle Pit

LOCATION OF FACILITY: SE¼ and SW¼ of Section 8, T25N, R62W
NE¼ and NW¼ of Section 17, T25N, R62W
Goshen County, Wyoming

TYPE OF OPERATION: Portable Crushing and Screening Equipment

RESPONSIBLE OFFICIAL: Sean Frost, President

MAILING ADDRESS: Box 426
Lovell, WY 82431

TELEPHONE NUMBER: (307) 272-5961

REVIEWING ENGINEER: Jessica McCoy, Air Quality Engineer

PURPOSE OF APPLICATION:

On August 22, 2005, the Division received an application from Frost Rock Products Company to permit portable crushing and screening equipment to be initially located in the SE¼ and SW¼ of Section 8 and in the NE¼ and NW¼ of Section 17, T25N, R62W, approximately 10 miles northwest of Torrington, in Goshen County, Wyoming. The Lingle Pit is permitted under Land Quality Permit 318C, issued April 29, 2004 to Goshen County.

Proposed Equipment:

- 2005 Cedarapids Cone Crusher, Model # 54, SN 52678
- 2005 Cedarapids 3 deck, flat screen, SN 52690
- 1662 hp Caterpillar 3512 Generator, SN 24208656

ESTIMATED EMISSIONS:

Pollutants of main concern are NO_x, CO and VOC from the generator and fugitive particulate matter emitted from crushing, screening and stockpiling operations. Emissions from the generator were estimated using Tier 1 emission factors and 2500 hours of operation per year. Particulate emissions from crushing, screening and stockpiling operations were estimated using the EPA document, AP-42, "Compilation of Emission Factors". The application of water during crushing and screening operations is credited with 50% control efficiency. Emission calculations are shown in detail in Appendix A. Emissions are shown in the following table:

Source	NO _x	CO	VOC	TSP	PM ₁₀
Crushing	-	-	-	1.7	0.8
Screening	-	-	-	7.8	2.7
Stockpiling	-	-	-	13.7	4.1
Caterpillar 3512	31.6	38.9	4.6	-	1.8
Total Emissions	31.6	38.9	4.6	23.2	9.4

BEST AVAILABLE CONTROL TECHNOLOGY (BACT):

The Division considers the use of water and/or chemical dust suppressants on the work areas, access roads, and haul roads to represent BACT for this type of operation.

BACT for crushing/screening operations shall consist of a wet suppression system in use at all times the crushing/screening equipment is in use. The wet suppression system shall be located at all shaker screens, belt transfer points, and the inlet-outlet of primary and secondary crushers to the extent necessary to achieve control of fugitive dust emissions.

The Caterpillar 3512 generator will be controlled to Tier 1 emission standards. The Division considers Tier 1 emission standards to represent BACT for this type of generator.

CHAPTER 6, SECTION 3 APPLICABILITY:

The crushing and screening equipment is not a "major source" as defined by Chapter 6, Section 3 of the Wyoming Air Quality Standards and Regulations. Emissions do not exceed the 100 tpy threshold of any regulated pollutant.

NEW SOURCE PERFORMANCE STANDARDS (NSPS):

The crushing and screening equipment located at this site will be subject to 40 CFR, Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, if it is constructed, reconstructed or modified after August 31, 1983 and has a capacity greater than 150 tons per hour. This regulation limits opacity to 15% from crushers and to 10% from all other affected sources (screens, conveyors).

PREVENTION OF SIGNIFICANT DETERIORATION (PSD):

The proposed crushing and screening equipment is not a "major emitting facility" as defined by Chapter 6, Section 4 of the WAQSR. Therefore, further analysis is not required under this section.

AMBIENT AIR QUALITY:

It is the Division's experience that the ambient air quality standards will be maintained with the utilization of the control measures recognized as BACT for crushing and screening operations.

PROPOSED PERMIT CONDITIONS:

The Division proposes to issue an Air Quality Permit to Frost Rock Products Company for the portable crushing and screening equipment with the following permit conditions:

1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. That all substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. That all unpaved portions of the haul roads, access roads, work areas and stockpiles associated with this plant shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion.
4. That the allowable opacity for fugitive emissions associated with the crusher shall be limited to 15%, the allowable opacity for screens, conveyor transfer points and other fugitive emission points shall be limited to 10% as determined by 40 CFR, Part 60, Appendix A, Method 9.
5. Frost Rock Products Company shall comply with all applicable regulations of 40 CFR, Part 60, Subpart OOO.
6. That the crushing/screening equipment shall utilize a wet suppression system at all times the crushing/screening equipment is in use. The wet suppression system shall be located at all belt transfer points and discharge points off the crushers/screens and discharge points and operated to the extent necessary to comply with the allowable opacity limits established in Condition 5.
7. The Caterpillar 3512 generator engine shall be Tier 1 certified. Records of the certification shall be maintained and made available to the Division upon request.
8. In accordance with Chapter 6, Section 2(b)(ii) of the Wyoming Air Quality Standards and Regulations, Frost Rock Products Company shall submit a "self issuance" relocate permit for each new location. Such permit shall be executed and copies provided to the Air Quality Division prior to operation at the new location. A fee will be assessed upon issuance of the relocation permit.

APPENDIX A
Emission Estimates

Crushing Operations

Based on 1,250,000 TPY production, TSP and PM₁₀ emissions associated with crushing operations were estimated as follows:

Crushing: 0.0054 lb/ton TSP, 0.0024 lb/ton PM₁₀
AP-42, Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{0.0054 \frac{\text{lb}}{\text{ton}} \times 1,250,000 \frac{\text{ton}}{\text{year}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 1.7 \frac{\text{ton}}{\text{year}}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{0.0024 \frac{\text{lb}}{\text{ton}} \times 1,250,000 \frac{\text{ton}}{\text{year}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.75 \frac{\text{ton}}{\text{year}}$$

Screening Operations

Based on 1,250,000 TPY production, TSP and PM₁₀ emissions associated with screening operations were estimated as follows:

Screening: 0.025 lb/ton TSP, 0.0087 lb/ton PM₁₀
AP-42 Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{0.025 \frac{\text{lb}}{\text{ton}} \times 1,250,000 \frac{\text{ton}}{\text{year}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 7.8 \frac{\text{ton}}{\text{year}}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{0.0087 \frac{\text{lb}}{\text{ton}} \times 1,250,000 \frac{\text{ton}}{\text{year}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 2.7 \frac{\text{ton}}{\text{year}}$$

Stockpiling Operations

Based on 1,250,000 TPY production, TSP and PM₁₀ emissions associated with stockpiling operations were estimated as follows:

$$E = k(0.0032) \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}}$$

Where

k=particle size multiplier

U=wind speed, mph

M=material moisture content, %

TSP:

$$k=1.16$$

U=10.8 mph (average wind speed for Torrington)

$$M=0.7\%$$

$$E = 1.16(0.0032) \frac{\left(\frac{10.8}{5}\right)^{1.3}}{\left(\frac{0.7}{2}\right)^{1.4}} = 0.044 \frac{lb}{ton}$$

$$\text{TSP Emissions} = \frac{0.044 \frac{lb}{ton} \times 1,250,000 \frac{ton}{year}}{2,000 \frac{lb}{ton}} = 27.5 \frac{ton}{year} = 13.7 \frac{ton}{year} \text{ (50\% control)}$$

PM₁₀:

$$k=0.35$$

U=10.8 mph (average wind speed for Torrington)

$$M=0.7\%$$

$$E = 0.35(0.0032) \frac{\left(\frac{10.8}{5}\right)^{1.3}}{\left(\frac{0.7}{2}\right)^{1.4}} = 0.013 \frac{lb}{ton}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{0.013 \frac{lb}{ton} \times 1,250,000 \frac{ton}{year}}{2,000 \frac{lb}{ton}} = 8.3 \frac{ton}{year} = 4.1 \frac{ton}{year} \text{ (50\% control)}$$

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP378 SCT-408C

Description of equipment included under permit: Portable Crusher

Location of Operations: N1/4SW 1/4 Section 25, Township 52

North, Range 62 West, County Crook Other (Highway Milepost,

Town, Pit Name, etc.) Crook - Sundance

Duration of Operations at Location: 1 yr

Start Date at New Location: 2-23-09

Production Rate: Tons per hour 300

Total production at new location _____

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

1
2
3
2-25-09
JS

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products Co.
Address: P.O. Box 426 Lovell, WY 82431
Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785
Description of equipment included under permit: Crusher

Location of Operations: SW 1/4 Section 16, Township 30
North, Range 110 West, County Sublette Other (Highway Milepost,
Town, Pit Name, etc.) 351

Duration of Operations at Location: 6 weeks

Start Date at New Location: 7-10-06

Production Rate: Tons per hour 300

Total production at new location 90,000

Comments: _____

_____ CT-4089 _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good
Title See

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

N^o 05852
Number

State of Wyoming
Division of Air Quality

Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products
Address: P.O. Box 426 Lovell, Wyo
Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785
CT 4089
Description of equipment included under permit: Crusher

Location of Operations: SE 1/4 Section 1, Township 23
North, Range 112 West, County Lincoln Other (Highway Milepost,
Town, Pit Name, etc.) Sulenta

Duration of Operations at Location: 3 weeks

Start Date at New Location: 10-23-06

Production Rate: Tons per hour 300

Total production at new location 30,000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good
Title See

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

PAID
Page 21/10-26-06
55

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products Co.

Address: P.O. Box 426

Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Crusher CT-4089

Location of Operations: NW 1/4 Section 31 Township 45

North, Range 100 West, County Park Other (Highway Milepost,

Town, Pit Name, etc.) Rauchfuss Gravel Pit

Duration of Operations at Location: 4 weeks

Start Date at New Location: 5-28-07

Production Rate: Tons per hour 300

Total production at new location 40,000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

5-25-07
SS

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Portable Crusher CT-4089

Location of Operations: SE 1/4 Section 8, Township 51

North, Range 103 West, County Part Other (Highway Milepost,

Town, Pit Name, etc.) Andy Martin

Duration of Operations at Location: 3 Weeks

Start Date at New Location: 7-25-07

Production Rate: Tons per hour 300

Total production at new location 20000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

PAID

8-8-07
Page 23 JS

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lowell, WY 82431

Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Portable Crusher

Location of Operations: SE 1/4 NW 1/4 Section 27 Township 57

North, Range 102 West, County Park Other (Highway Milepost,

Town, Pit Name, etc.) Thiel - Clark Pit #1

Duration of Operations at Location: 1 week

Start Date at New Location: 9-10-07

Production Rate: Tons per hour 300

Total production at new location 20,000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-~~548~~-6217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Crusher

Location of Operations: NW 1/4 Section 26 Township 55

North, Range 101 West, County Park Other (Highway Milepost,

Town, Pit Name, etc.) Lawson

Duration of Operations at Location: 6 weeks

Start Date at New Location: 11-19-07

Production Rate: Tons per hour 300

Total production at new location 20000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec.

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

PAID
Page 25 11-16-07
JS

State of Wyoming
Division of Air Quality
Facility Relocate/Operate Permit

Name CT-4089 K Products
Address 6 Lowell, Wyo 82431
Telephone 217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Portable Crusher

Location of Operations: SW 1/4 Section 11, Township 52
North, Range 1104 West, County Park Other (Highway Milepost,
Town, Pit Name, etc.) Red Pole P.t

Duration of Operations at Location: 11 week

Start Date at New Location: 12-10-07

Production Rate: Tons per hour 300
Total production at new location 5000 Ton

Comments: _____

Certification

I hereby certify that:

- 1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
- 2. A current Air Quality Permit is in effect for the above described equipment.
- 3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Throck Typed Name Elaine

Title Sec

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785

Description of equipment included under permit: portable Crusher

Location of Operations: NW of lot 1 1/4 Section 7, Township 55

North, Range 97 West, County Big Horn Other (Highway Milepost,

Town, Pit Name, etc.) Nepero Pit.

Duration of Operations at Location: 6 weeks

Start Date at New Location: 2-8-08

Production Rate: Tons per hour 300

Total production at new location 65000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products
Address: P.O. Box 426 Lovell, WY 82431
Telephone No.: 307-548-6217 Current Air Quality Permit No. AP3785
Description of equipment included under permit: portable Crusher

Location of Operations: SW 25
NE 35
NW 36 1/4 Section _____, Township: _____

North, Range 101 West, County _____, Post, _____

Town, Pit Name, etc.) Pou _____

Duration of Operations at Location: _____

Start Date at New Location: _____

Production Rate: _____ Tons per hour _____

Total production at new location: _____

Comments: _____

*CT-4089
Frost Rock*

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products
Address: P.O. Box 426 Lovell, WY 82431
Telephone No.: 307-548-6505 Current Air Quality Permit No. AP3785
Description of equipment included under permit: Crusher

Location of Operations: NW 1/4 Section 31, Township 45
North, Range 100 West, County Park Other (Highway Milepost,
Town, Pit Name, etc.) Rauchfuss Gravel Pit

Duration of Operations at Location: 2 weeks

Start Date at Ne _____

Production Rate 300

Comments: NO PERMIT FOLDER FOR AP-3785. 2,000

MAKE ONE?

I hereby certify th

1. The new _____ 21.b (ii) of the Wyoming Air Quality Act
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

4-24-08

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6506 Current Air Quality Permit No. AP3785 CT-4089

Description of equipment included under permit: Portable Crusher

Location of Operations: NW of Lot 1 1/4 Section 7, Township 55

North, Range 97 West, County Big Horn Other (Highway Milepost,

Town, Pit Name, etc.) Nepeco Pit

Duration of Operations at Location: 4 weeks

Start Date at New Location: 7-28-08

Production Rate: Tons per hour 300

Total production at new location 30000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products Company
Address: P.O. Box 426, Lovell, WY 82431
Telephone No.: 307-548-6506 Current Air Quality Permit No. AP3785
Description of equipment included under permit: Portable Crusher

Location of Operations: NW 1/4 Section 34 Township 52N

North, Range 97W West, County Big Horn Other (Highway Milepost,
Town, Pit Name, etc.) Tatman Burlington Pit

Duration of Operations at Location: 2 weeks

Start Date at New Location: Sept. 4, 2008

Production Rate: Tons per hour 300 TPH
Total production at new location 30,000 tons

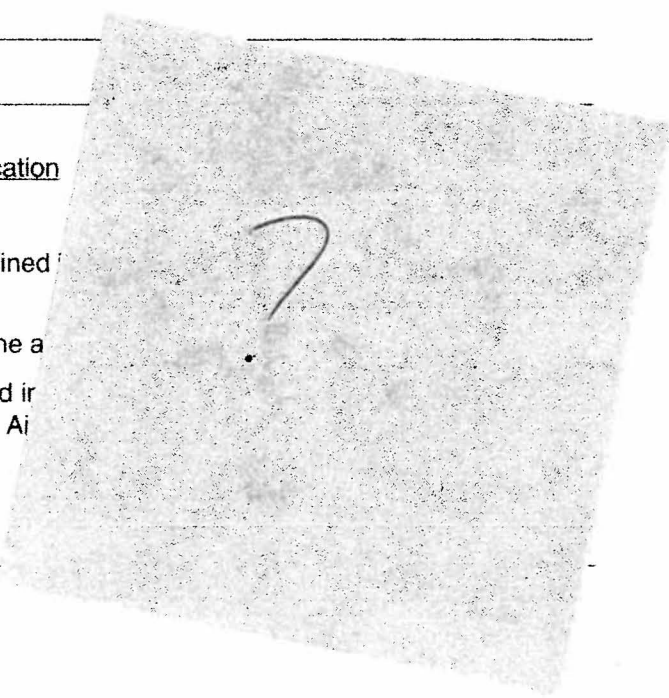
Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the activity.
3. Air pollution control equipment as described in previous permits issued by the Air Quality Division is in place and operating at all times during process equipment operation.

Signature [Signature]
Title President



Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6506 Current Air Quality Permit No. AP3785

Description of equipment included under permit: Portable Crusher

Location of Operations: 33434 1/4 Section 33434, Township 3

North, Range 71 West, County Converse Other (Highway Milepost,

Town, Pit Name, etc.) Croell/Ready Mix yard

Duration of Operations at Location: 2 weeks

Start Date at New Location: 9-23-08

Production Rate: Tons per hour 300

Total production at new location 18,000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

PAH

9-19-08

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP3785CT408

Description of equipment included under permit: portable Crusher

Location of Operations: _____ 1/4 Section 13+14, Township 31

North, Range 72 West, County Converse Other (Highway Milepost,

Town, Pit Name, etc.) Wills Pit

Duration of Operations at Location: 4 week

Start Date at New Location: 12-30-08

Production Rate: Tons per hour 300

Total production at new location 75000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

12-31-08
JS

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP378 SCT-408C

Description of equipment included under permit: Portable Crusher

Location of Operations: N6/4SW 1/4 Section 25, Township 52

North, Range 62 West, County Crook Other (Highway Milepost,

Town, Pit Name, etc.) Croell-Sundance

Duration of Operations at Location: 1yr

Start Date at New Location: 2-23-09

Production Rate: Tons per hour 300

Total production at new location _____

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title Sec

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

2-25-09
JS

Permit

A No 05867
Number

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, Wyo 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP378 SCT-4089

Description of equipment included under permit: Portable Crusher

Location of Operations: NW 1/4 1/4 Section 7, Township 55

North, Range 97 West, County Big Horn Other (Highway Milepost, Town, Pit Name, etc.) Nepeco

Duration of Operations at Location: 6 weeks

Start Date at New Location: 9-30-09

Production Rate: Tons per hour 300

Total production at new location 40,000

Comments:

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine

Title Sec

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

A No 05868
Number

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP3785 CT-4089

Description of equipment included under permit: portable Crusher

Location of Operations: SE 1/4 Section 21 Township 47

North, Range 101 West, County Park Other (Highway Milepost,

Town, Pit Name, etc.) Laren-May pit

Duration of Operations at Location: 4 weeks

Start Date at New Location: 1-4-10

Production Rate: Tons per hour 300

Total production at new location 18000

Comments:

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

Original & yellow copy to: DEQ, Air Quality Division
Retain pink copy. 122 W. 25th Street
Cheyenne, Wyoming 82002

DAID

Air Permit

A No 05869
Number

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP 3785 CT-408

Description of equipment included under permit: Portable Crusher

Location of Operations: SE 1/4 Section 8, Township 51

North, Range 103 West, County Park Other (Highway Milepost,

Town, Pit Name, etc.) Andy Martin

Duration of Operations at Location: 3 week

Start Date at New Location: 4-5-10

Production Rate: Tons per hour 300

Total production at new location 20000

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title BK

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

PAID
Page 37
4-5-10
JS

Permit No

A No 05870
Number

State of Wyoming
Division of Air Quality
Portable Facility Relocate/Operate Permit

Name of Firm: Frost Rock Products

Address: P.O. Box 426 Lovell, WY 82431

Telephone No.: 307-548-6505 Current Air Quality Permit No. AP3785 CT-4089

Description of equipment included under permit: Portable Crusher

Location of Operations: Tract 86 1/4 Section _____, Township 49

North, Range 90 West, County Big Horn Other (Highway Milepost, _____

Town, Pit Name, etc.) Cold Springs

Duration of Operations at Location: 3 weeks

Start Date at New Location: 5-7-10

Production Rate: Tons per hour 300

Total production at new location 20600

Comments: _____

Certification

I hereby certify that:

1. The new location is not a new source as defined in Section 21.b (ii) of the Wyoming Air Quality Standards and Regulations.
2. A current Air Quality Permit is in effect for the above described equipment.
3. Air pollution control equipment as described in a permit application on file with, or as specified in previous permits issued by the Air Quality Division will be operated at all times during process equipment operation.

Signature Elaine Good Typed Name Elaine Good

Title See

Original & yellow copy to:
Retain pink copy.

DEQ, Air Quality Division
122 W. 25th Street
Cheyenne, Wyoming 82002

PAID 4-30-10
~~310~~
JS
Page 38