



July 13, 2015

Air Quality Division
Wyoming Department of Environmental Quality
122 West 25th Street
Cheyenne, WY 82002

RE: AIR QUALITY PERMIT CROSS H PIT

Dear Sir or Madam:

Enclosed is an amended air quality permit application for Cross H Ranch, Inc mining operations at the Cross H Pit. Cross H Ranch is requesting to increase their permitted surface acreage size to 78.33 acres as compared to the previously approved 57.42 acres. Attached to the permit is an access map and a letter regarding planning and zoning from the Johnson County Commissioners.

If you have any questions or concerns, please do not hesitate to contact me at the information provided below in the footer of this letter.

Sincerely,



FOR: Clint B. Culliton, PE/PLS
President

CBC/jrs

Encl: as noted

cc: Cross H Ranch, Inc. – 130 Cross H Lane, Buffalo, WY 82834

X:\2014\14-33_Cross_H_Pit\DOCS\Air Quality\2015_EXPANSION_PERMIT\Cover_Letter.docx

Reviewer NCM
cc: _____
Modeler _____
D.E. _____
File A0001323
IMP FID 23608



Air Quality Division

New Source Review Permit Application Form Cover Sheet

Is this a revision to an existing application?
 Yes No
 Previous Application #: 697(s)

Date of Application: 7/13/2015

COMPANY INFORMATION:

Company Name: Cross H Ranch, Inc.
 Address: 130 Cross H Lane
 City: Buffalo State: Wyoming Zip Code: 82834
 Country: USA Phone Number: (307) 684-5639

FACILITY INFORMATION:

Facility Name: Cross H Pit
 New Facility or Existing Facility: Existing
 Facility Description: Sand and Gravel Mine
 Facility Class: Minor Operating Status: Operating
 Facility Type: Small Mine (Non-Coal)

For Oil & Gas Production Sites ONLY:

First Date of Production (FDOP)/Date of Modification: _____
 Single well or multiple well facility? _____
 Does production at this facility contain H2S? *
 *If yes, contact the Division.
 API Number(s): _____

NAICS Code: 21231 Stone Mining and Quarrying

FACILITY LOCATION:

*Enter the facility location in either the latitude/longitude area or section/township/range area. Both are not required.
 Physical Address: _____
 City: _____ Zip Code: _____
 State: WY County: _____
OR
 Latitude: _____ Longitude: _____ County: Johnson
 Quarter Quarter: SE Quarter: SW
 Section: 18 Township: 50N Range: 81W

For longitude and latitude, use NAD 83/WGS84 datum and 5 digits after the decimal (i.e. 41.12345, -107.56789)

CONTACT INFORMATION:

*Note that an Environmental AND NSR Permitting Contact is required for your application to be deemed complete by the agency.
 Title: Mr. First Name: M. Wayne
 Last Name: Nelson
 Company Name: Cross H. Ranch, Inc.
 Job Title: President
 Address: 130 Cross H Lane
 City: Buffalo State: Wyoming
 Zip Code: 82834
 Primary Phone No.: (307) 684-5639 E-mail: _____
 Mobile Phone No.: _____ Fax No.: _____
 Contact Type: Responsible Official Start Date: _____

*Name of the contact to whom the permit will be issued: M. Wayne Nelson

Additional Contact Type (if needed):

Title: First Name: _____

Last Name: _____

Company Name: _____

Job Title: _____

Address: _____

City: _____ State:

Zip Code: _____

Primary Phone No.: _____ E-mail: _____

Mobile Phone No.: _____ Fax No.: _____

Contact Type: Start Date: _____

FACILITY APPLICATION INFORMATION:

General Info:

Has the facility changed location or is it a new/ greenfield facility?

Has a Land Use Planning document been included in this application?

Is the facility located in a sage grouse core area? *

If the facility is in a sage grouse core area, what is the WER number? _____

** For questions about sage grouse core area, contact WY Game & Fish Department.*

Federal Rules Applicability - Facility Level:

Prevention of Significant Deterioration (PSD):

Non-Attainment New Source Review:

Modeling Section:

Has the Air Quality Division been contacted to determine if modeling is required?

Is a modeling analysis part of this application?

Is the proposed project subject to Prevention of Significant Deterioration (PSD) requirements?

Has the Air Quality Division been notified to schedule a pre-application meeting?

Has a modeling protocol been submitted to and approved by the Air Quality Division?

Has the Air Quality Division received a Q/D analysis to submit to the respective FLMs to determine the need for an AQRV analysis?

Required Attachments:

- Facility Map
- Process Flow Diagram
- Modeling Analysis (if applicable)
- Land Use Planning Document
- Detailed Project Description
- Emissions Calculations

I, James Staebler Agent
 Responsible Official (Printed Name) Title

an Official Agent of the Company, 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 operational information provided and emission rates listed on this application reflect the anticipated emissions due to the operation of this facility. The facility will operate in compliance with all applicable Wyoming Air Quality Standards and Regulations.

Signature: 
 (ink)

Date: 7/13/15

MINE/QUARRY NAME: Cross H Pit

New Mine/Quarry: Modification to existing Mine/Quarry:

Size of Mine/Quarry: 78.33 Acres

Legal Description: E 1/4 1/2 SW 1/4 Section 18 T 50 N R 81 W

Latitude: _____ Longitude: _____

County: Johnson

Number of residences within 1 mile radius: 3 Distance to nearest residence: 0.7 miles

TYPE OF MATERIAL MINED: (This form is Not for Coal Mines) Sand & Gravel

Total Material Available: (+) 2,000,000 tons Max. Annual Production: 300,000 tons/yr

Max. Hourly Production: 300 tons/hr Avg. Hourly Production: 165 tons/hr

Max. Hours of Operation: 12 hours/day 6 days/week 16 weeks/year

EQUIPMENT/OPERATION PLANNED AT THIS SITE: (mark all that apply)

Crushing* + Screening* + Stockpiling* +
 Hot Mix Asphalt Plant* + Concrete Batch Plant* +

DISTURBED/OPEN ACREAGE

Acreeage Subject to Wind Erosion: 27.75 acres

TOPSOIL

Tons/day removed: 0 tons/year removed: 0

Fugitive Particulate Control Method and Frequency: Water - as needed

TOPSOIL STOCKPILES (Existing)

No. of Topsoil Stockpiles: 4 Size of Piles: 2,200 tons or yd³ (circle one)

Topsoil Stockpile Fugitive Control Method and Frequency: Seeded & Watered - as needed

OVERBURDEN

Tons/day removed: 0 tons/year removed: 0

Fugitive Particulate Control Method and Frequency: _____

OVERBURDEN STOCKPILES

No. of Overburden Stockpiles: 0 Size of Piles: _____ tons or yd³ (circle one)

Overburden Stockpile Fugitive Control Method and Frequency: _____

MINED MATERIAL

Tons/day Removed: 2,000 tons/year removed: 300,000

Fugitive Particulate Control Method and Frequency: _____

MINED MATERIAL STOCKPILES

No. of Mined Material Stockpiles 10 Size of Piles: 30,000 tons or yd³ (circle one)

Mined Material Stockpile Fugitive Control Method and Frequency: Watered - as needed

BLASTING

Number of Blasts per year: 0

Type of Blasting Agent Used: _____ Amount of Blasting Agent Used: _____ tons/yr

Horizontal Area of Blast: _____ ft²

Operational Practices used for Emission Control: _____

ACCESS & HAUL ROADS *

Maximum Distance Material will be Hauled until Reaching Pavement: 2.25 miles

Fugitive Particulate Control Method:

Type of Dust Suppressant Used: Water Truck

Control Application Frequency: As needed

* The application **MUST include a map** identifying all haul roads, including county roads, other unpaved roads, and the first paved road associated with the mining activities.

HAUL TRUCKS (Trucks that Transport Product from the Quarry)

Truck Type 1 (Description): Semi Truck - Belly Dump and Pup

No of Trucks: 8,825 Capacity (tons): 34 Empty Weight (lbs): 41,000

Truck Type 2 (Description): _____

No of Trucks: _____ Capacity (tons): _____ Empty Weight (lbs): _____

Truck Type 3 (Description): _____

No of Trucks: _____ Capacity (tons): _____ Empty Weight (lbs): _____

Truck Type 4 (Description): _____

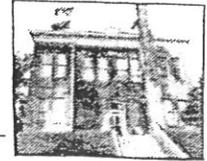
No of Trucks: _____ Capacity (tons): _____ Empty Weight (lbs): _____

Note: The information above does not support data entry.
You will need to fill out a coversheet and fugitive release point sheet to complete the application.



Johnson County Commissioners

Buffalo, Wyoming 82834



Tracy Rhodes
Don Hall
Marilyn Connolly

76 North Main Street
Phone: (307) 684-7555
Fax: (307) 684-5146

September 17, 2002

Wayne Nelson
34 Thom Road
Buffalo, WY 82834

To Whom It May Concern:

Please let this serve as official verification that Johnson County, Wyoming has no zoning laws or building permit requirements in effect at this time.

Sincerely,

A handwritten signature in cursive script that reads "Cheryl Berner".

Cheryl Berner
Commissioners' Assistant