



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

June 11, 2015

Operating Permit Program
WYDEQ/AQD
122 West 25th Street
Cheyenne, WY 82002

Reviewer NCM
cc: _____
Modeler _____
D.E. _____
File A0001215
IMP FID 13631

RE: Air Quality Permit Revision for McGuire Pit, P0011368

To Whom It May Concern:

Croell Redi-Mix, Inc. would like to modify the existing Air Quality Permit for the McGuire Pit P0011368, to increase the annual tonnage from 30,000 tons to 200,000 tons.

Please find enclosed three copies of Attachment 1.

If you have questions regarding our proposed revision, please contact me.

Best Regards,

Kristi N. Chamley
Environmental Coordinator/Quality Control

Enclosure(s)



Air Quality Division

New Source Review Permit Application Form Cover Sheet

Is this a revision to an existing application?
 Yes No
 Previous Application #: _____

Date of Application: 6/16/2015

COMPANY INFORMATION:

Company Name: Croell Redi-Mix, Inc.
 Address: PO Box 1352
 City: Sundance State: WY Zip Code: 82729
 Country: Crook Phone Number: (307)283-2221

FACILITY INFORMATION:

Facility Name: McGuire Pit
 New Facility or Existing Facility: Existing
 Facility Description: Surface Mining Operation
 Facility Class: _____ Operating Status: _____
 Facility Type: _____

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: _____

FACILITY LOCATION:

*Enter the facility location in either the latitude/longitude area or section/township/range area. Both are not required.

Physical Address: 300 Sybille Creek Road
 City: Wheatland Zip Code: 82201
 State: WY County: Platte

OR

Latitude: _____ Longitude: _____ County: _____
 Quarter Quarter: _____ Quarter: _____
 Section: _____ Township: _____ Range: _____

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: Ms. First Name: Kristi
 Last Name: Chamley
 Company Name: Croell Redi-Mix, Inc.
 Job Title: Environmental Coordinator
 Address: PO Box 1352
 City: Sundance State: WY
 Zip Code: 82729
 Primary Phone No.: (307)283-2221 E-mail: kristi.chamley@croell.com
 Mobile Phone No.: (307)282-0809 Fax No.: (307)283-1450
 Contact Type: NSR & Environmental Start Date: 7/16/2012

*Name of the contact to whom the permit will be issued: _____

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?

NO

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

YES

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

NO

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

N/A

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

Federal Rules Applicability - Facility Level:

Prevention of Significant Deterioration (PSD):

NO

Non-Attainment New Source Review:

NO

Modeling Section:

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

NO

Is a modeling analysis part of this application?

NO

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

NO

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

NO

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

NO

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

NO

Required Attachments:

Facility Map

Process Flow Diagram

Modeling Analysis (if applicable)

Land Use Planning Document

Detailed Project Description

Emissions Calculations

I, Kristi Chamley Environmental Coordinator
Responsible Official (Printed Name) Title

an Official Representative 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: _____

Mine/Quarry

Mine/Quarry Name: McGuire Pit

New Mine/Quarry: Modification to Existing Mine/Quarry:

Size of Mine/Quarry: 60 acres

Legal Description: NE 1/4 NE 1/4 E 1/2 SE 1/4 NE 1/4

Section: 25 T 42 N R 69 W

Latitude: Longitude:

County: Platte

Number of residences within 1 mile radius: 15

Distance to nearest residence: 1/8 mile

Type of Material Mined (This form is NOT for coal mines): Sand & Gravel

Total Material Available: 1,000,000 tons

Max. Annual Production: 200,000 tons/yr

Max. Hourly Production: 600 tons/hr

Avg. Hourly Production: 300 tons/hr

Maximum Operation: 12 hours/day

6 days/week

40 weeks/yr

Equipment/Operation Planned at This Site:

Crushing: Hot Mix Asphalt Plant:

Screening: Concrete Batch Plant:

Stockpiling: Blasting:

(mark all that apply)

Disturbed/Open Acreage:

Acreage Subject to Wind Erosion: 10 acres

Topsoil:

Tons/day removed: 500

Tons/year removed: 5,000

Fugitive Particulate Control Method and Frequency: Water spray as needed.

Topsoil Stockpiles:

Number of Topsoil Stockpiles: 3

Size of Piles: 1,500 tons

Topsoil Stockpile Fugitive Particulate Control Method and Frequency: Seeding long-term piles and water spray as needed.

Overburden:

Tons/day removed: 4

Tons/year removed: 10,000

Fugitive Particulate Control Method and Frequency: Water spray and other BMPs as needed.

Overburden Stockpiles:

Number of Overburden Stockpiles: 4

Size of Piles: 2,500

Overburden Stockpile Fugitive Particulate Control Method and Frequency: Water spray and other BMPs as needed.

Mined Material:

Tons/day removed: 3,000

Tons/year removed: 200,000

Fugitive Particulate Control Method and Frequency: Water spray via spray bars and other BMPs as needed.

Mined Material Stockpiles:

Number of Mined Material Stockpiles: 6

Size of Piles: 10,000 tons

Mined Material Stockpile Fugitive Particulate Control Method and Frequency: Water spray and other BMPs as needed.

Blasting: N/A
 Number of Blasts per year: _____
 Type of Blasting Agent Used: _____
 Amount of Blasting Agent Used: _____
 Horizontal Area of Blast: _____
 Operational Practices used for Emission Control: _____

Access & Haul Roads:

Maximum Distance Material will be Hauled until Reaching Pavement: 0.1 _____ miles
 Fugitive Particulate Control Method: Water truck and MgCl₂ treatments as needed.
 Type of Dust Suppressant Used: MgCl₂
 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): Belly Dumps/End Dumps
 No. of Trucks: 4
 Capacity (tons): 40,000
 Empty Weight (lbs): 37,000

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): _____

COUNTY OF PLATTE

Planning & Zoning Office

P.O. Box 728
WHEATLAND, WY 82001
(307)-322-1341

November 19, 2014

Kristi Chamley
Croell Redi-Mix, Inc.
P. O. Box 1352
Sundance, WY 82729

RE The NE1/4NE1/4 and the E1/2SE1/4NE1/4 of Section 25, T24N, R69W, Platte County, Wyoming

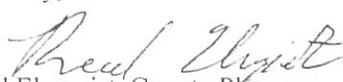
Dear Ms. Chamley:

On November 12, 2014, the Platte County Board of Commissioners modified your Special Permit to allow a commercial gravel pit with a crushing operation and temporary hot mix asphalt plant in an Agricultural Zoning District on the above referenced property. The conditions of that approval are:

1. Stipulate that the County may review and consider revocation of this Special Permit approval if knowledgeable of any State or Federal violations on this property;
2. That this approval be conditional upon approval of required State permits, with the understanding that final approval is expressly not granted until issuance of required State permits;
3. That all quarrying activity be set back a minimum of fifty feet (50') from public right-of-ways and property lines;
4. That the County continue to approve of the existing access approach and that, if necessary, it be upgraded at the applicant's cost to a manner satisfactory to the County;
5. That this approval be for a maximum of sixty (60) acres total and be confined within the NE1/4 of Section 25, Township 24 North, Range 69 West;
6. That the applicant be subject to all requirements in the Aggregate Extraction Section of the Platte County Zoning Rules and Regulations;
7. That if road maintenance or traffic become issues of concern to either the County Engineer or the County Road & Bridge Superintendent, this Special Permit be reviewed by the Board of Commissioners to determine any need to modify the conditions of approval due to traffic impact;
8. That truck traffic either be restricted to Washington Road, or;
9. That magnesium chloride be applied to any unpaved road frequented by the trucks; and
10. That this be reviewed on a complaint basis.

Please contact this office if you have any questions or for additional information.

Sincerely,


Reed Elmquist, County Planner
Joint Planning Department