

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION**

**Permit Application Analysis  
AP-10747**

**October 8, 2010**

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<b>NAME OF FIRM:</b>	McMurry Ready Mix Company
<b>NAME OF MINE:</b>	Eastfork Ranch Pit
<b>LOCATION OF MINE:</b>	S½ of Section 6 & N½ of Section 7, T31N, R106W Sublette County, Wyoming
<b>TYPE OF OPERATION:</b>	Sand & Gravel Pit
<b>RESPONSIBLE OFFICIAL:</b>	J. David Hornbeck, Safety/Environmental Director
<b>MAILING ADDRESS:</b>	PO Box 2488 Casper, WY 82602
<b>TELEPHONE:</b>	(307) 473-9581
<b>REVIEWING ENGINEER:</b>	Nick Meeker, Air Quality Engineer

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**1. PURPOSE OF APPLICATION**

On June 1, 2010, the Division of Air Quality received an application from McMurry Ready Mix Company to modify the Eastfork Ranch Pit by expanding the size of the pit. The Eastfork Ranch Pit will include sand and gravel crushing, screening, exposed acreage, stockpiling and haul activity, located in the S½ of Section 6 & N½ of Section 7, T31N, R106W, approximately eleven (11) miles east-southeast of Boulder, in Sublette County, Wyoming. The applicant estimates an annual production rate of 300,000 tons. No hot mix asphalt plants or concrete batch plants are planned for this site.

A facility location map is included in Appendix A.

**2. REPORTED MINE INFORMATION**

Annual Production Rate:	300,000 tons
Material Mined:	Sand & Gravel
Size of Mine:	335 acres
# of Blasts per Year:	0
Crushing and Screening Proposed:	Yes
Distance to Nearest Residence:	0.6 mile
Number of Residences within 1 miles radius:	4
Distance Material Hauled Until Reaching Pavement:	1.8 miles
Proper Land Use Documentation Submitted:	Yes

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### 3. PERMIT HISTORY

Air Quality Permit CT-7124 was issued to McMurry Ready Mix Company on July 3, 2008, to construct the Bousman Pit, a ten (10) acre mine. The Bousman Pit is now referred to as the Eastfork Ranch Pit.

### 4. ESTIMATED EMISSIONS

The pollutant of main concern at the Eastfork Ranch Pit will be fugitive particulate matter emitted primarily from crushing, screening, exposed acreage, stockpiling and haul truck activity. The Division estimated emissions based on EPA document, AP-42, Compilation of Emission Factors. Application of water during stockpiling operations is credited for fifty percent (50%) control efficiency. Table 1 lists the estimated emissions for crushing, screening, exposed acreage and stockpiling based on a maximum production rate of 300,000 TPY of mined material, 50,000 TPY of stockpiled material and 34,020 TPY of topsoil. Exposed acreage is based on twenty-five (25) acres. Table 2 lists emissions from haul road activities based on a haul road length of 3.6 miles (total miles to and from the pit). Emission calculations are detailed in Appendix B.

Table 1: Estimated Emissions, TPY <sup>1</sup>		
Source	TSP	PM <sub>10</sub>
Crushing	0.4	0.2
Screening	1.9	0.7
Exposed Acreage	4.8	1.4
Truck Loading & Stockpiling	3.0	1.4
<b>Total Emissions</b>	<b>10.1</b>	<b>3.7</b>

<sup>1</sup> Emissions estimated to nearest 0.1

Table 2: Haul Road Emissions, TPY <sup>1</sup>		
Source	TSP	PM <sub>10</sub>
Haul Road	104.0	29.6

<sup>1</sup> Emissions estimated to nearest 0.1

### 5. 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, disturbed areas, stockpiles, 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 to control fugitive emissions from the crushing/screening equipment and shall be operated to the extent necessary to limit visible emissions to twenty percent (20%) opacity, or limits set to comply with 40 CFR part 60, subpart 000.

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The Division considers limiting the maximum production rate at the pit as BACT for this type of operation since it is the basis for the emission estimates in the Division's analysis and it will limit the potential-to-emit (PTE) emissions at the pit. Therefore, any crushing/screening equipment operating at this pit will be limited to the maximum production rate. If multiple crushers/screens operate at this pit during a calendar year, the total amount of material crushed/screened shall not exceed this limit.

The Division considers areas within the pit boundary that are subject to wind erosion as disturbed areas and reclamation areas. BACT for the treatment and stabilization practices of the disturbed areas and reclamation areas may consist of ripping or chiseling to create a roughened surface, seeding with a temporary vegetative cover or other practices which effectively stabilize against wind erosion. Localized areas identified for equipment storage/staging, work areas and required buffers for haul roads and reclamation are not required to be stabilized. These practices are also required BACT for coal mines.

**6. CHAPTER 6, SECTION 3 APPLICABILITY**

The Eastfork Ranch Pit is not a "major source" as defined by Chapter 6, Section 3 of the Wyoming Air Quality Standards and Regulations (WAQSR). Point source emissions do not exceed the 100 tpy threshold of any regulated pollutant.

**7. PREVENTION OF SIGNIFICANT DETERIORATION (PSD)**

The Eastfork Ranch Pit 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.

**8. AMBIENT AIR QUALITY**

The Division generally does not require modeling or monitoring for rock quarries or multiple quarries in an area. In previous permitting actions, the Division has modeled large surface coal mines with production rates in the millions of tons per year and the results have demonstrated compliance with particulate matter (PM<sub>10</sub>) and nitrogen dioxide (NO<sub>2</sub>) annual ambient standards, which are health based standards. Primary ambient air quality standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly. When comparing the modeled results to actual monitoring, the results from the modeling are almost always higher. Some of the over prediction can be attributed to the inaccuracies of the model, but there is also conservatism in the emissions estimates. While there may be episodic events that may result in higher actual emissions and impacts than estimated, the Division considers the emission estimates for the quarries, which are based on normal operations, to be representative for permitting.

Emission estimates for quarries range from 10 tpy to 200 tpy particulate matter depending on the operational activity at the quarry. In comparison, a coal mine that produces 40 million tpy (MM tpy) of coal annually has estimated particulate emissions in the range of 1,500 tpy. The large surface coal mines in the Powder River Basin (PRB) are adjacent and the emissions from all mines in the modeling domain are considered in the modeling analysis, which can total 7,000 tpy particulate matter and 5,000 tpy NO<sub>x</sub>. As discussed, large surface coal mines in the PRB have demonstrated compliance with Wyoming Air Quality Standards and Regulations health-based standards through modeling and/or monitoring. It should be noted that the large surface coal mines located in the PRB in Campbell County have an established monitoring network for particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>) and nitrogen dioxide and currently demonstrate compliance with all applicable ambient standards.

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Based on this experience, the Division concludes the cumulative impact from properly controlled quarries, as required through the application of BACT, will not result in an exceedance of air quality standards.

**9. PROPOSED PERMIT CONDITIONS**

The Division is proposing to issue an Air Quality Permit to McMurry Ready Mix Company to modify the Eastfork Ranch Pit subject to the following conditions:

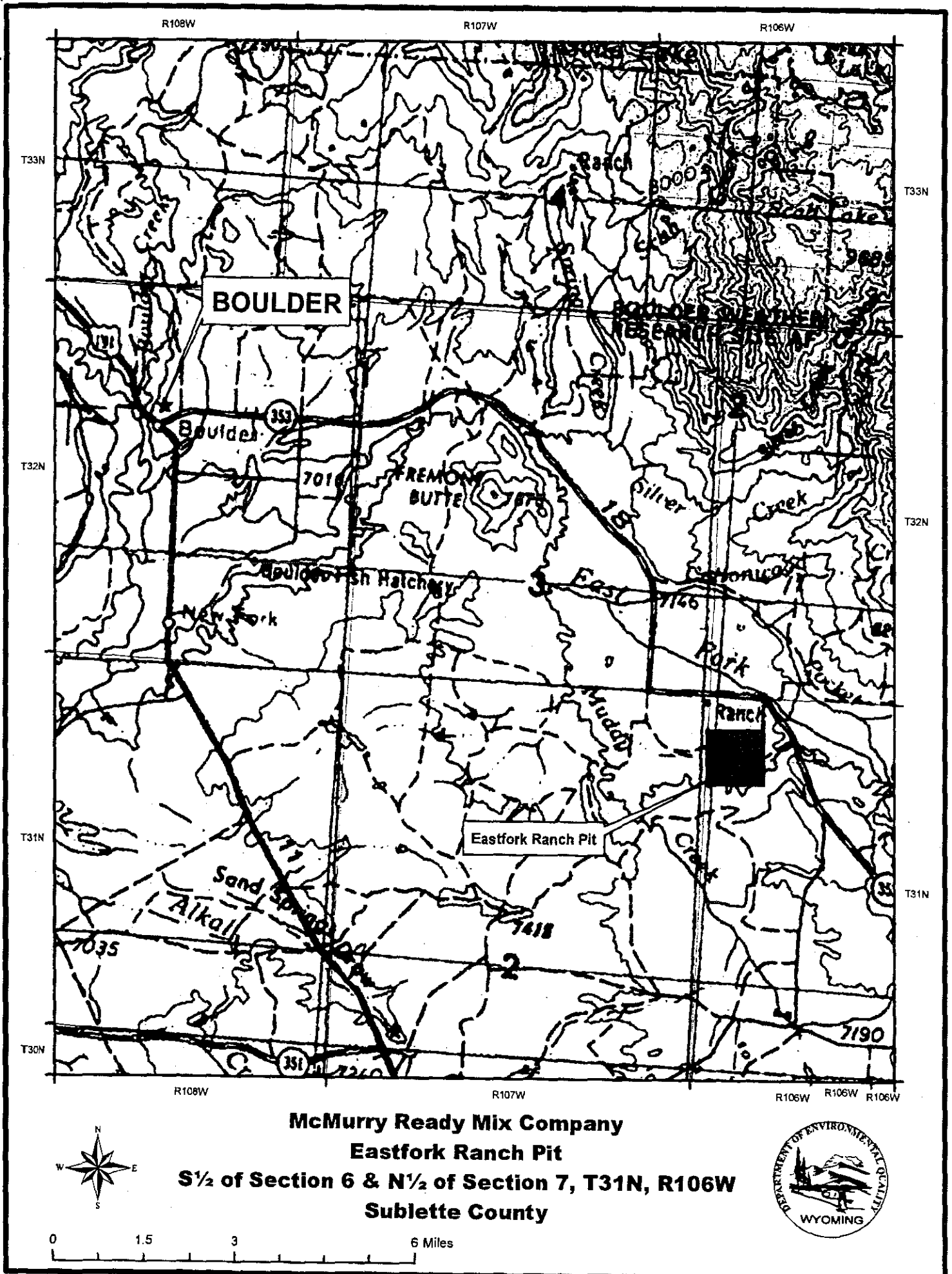
1. That authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution 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 25<sup>th</sup> Street, Cheyenne, WY 82002 and a copy shall be submitted to the District Engineer, Air Quality Division, 510 Meadowview Drive, Lander, WY 82520.
4. The owner or operator shall furnish the Administrator written notification of: (i) the anticipated date of initial startup not more than sixty (60) days or less than thirty (30) days prior to such date, and; (ii) the actual date of initial start-up within fifteen (15) days after such date in accordance with Chapter 6, Section 2(i) of the WAQSR.
5. That the date of commencement of construction shall be reported to the Administrator within thirty (30) days of commencement. In accordance with Chapter 6, Section 2(h) of the WAQSR, approval to construct or modify shall become invalid if construction is not commenced within twenty-four (24) months after receipt of such approval or if construction is discontinued for a period of twenty-four (24) months or more. The Administrator may extend the period based on satisfactory justification of the requested extension.
6. Any crushing/screening equipment shall have separate valid air quality permit(s) prior to locating/operating at this site.
7. Hot mix asphalt plants and concrete batch plants cannot be located/operated at this site unless authorized by an appropriate permit modification.
8. The amount of material crushed or hauled from the pit shall not exceed 300,000 tons per year. Records shall be kept for a period of five (5) years to demonstrate compliance with this condition and shall be made available to the Division upon request.

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9. That all work areas and stockpiles shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust. At a minimum, two (2) applications of chemical dust suppressant shall be applied annually to all work areas in accordance with the manufacturer's recommendations. The chemical dust suppressant shall be maintained continuously to the extent that it remains a viable control measure, which may require additional applications. All work areas shall receive an initial treatment of chemical dust suppressant prior to any activities at the beginning of each construction season.
10. McMurry Ready Mix Company shall stabilize the exposed areas against wind erosion at the pit. Newly disturbed areas shall be treated within sixty (60) days of completion of stripping unless otherwise approved by the Division. Reclamation areas shall be stabilized against wind erosion within sixty (60) days of reaching the approved post mining topography, unless otherwise approved by the Division. Stabilization practices may consist of ripping or chiseling to create a roughened surface, seeding with a temporary vegetative cover or other practices which effectively stabilize against wind erosion. Localized areas identified for equipment storage/staging, work areas and required buffers for haul roads and reclamation are not required to be stabilized.
11. All unpaved haul roads shall be treated with water and/or chemical dust suppressants on a schedule sufficient to control fugitive dust from vehicular traffic and wind erosion. At a minimum, two (2) applications of chemical dust suppressant shall be applied annually in accordance with the manufacturer's recommendations. The chemical dust suppressant shall be maintained continuously to the extent that it remains a viable control measure, which may require additional applications. All unpaved portions of haul roads shall receive an initial treatment of chemical dust suppressant prior to any hauling activities at the beginning of each construction season.
12. McMurry Ready Mix Company shall maintain a log book listing the dates, amount of dust suppressant applied, areas treated, water usage and operating hours of the water truck. The log shall be maintained on site for a period of at least five (5) years and shall be made available to the Division upon request.
13. That any generators powering crushing and screening equipment operating during January through March shall be certified Tier 2 compliant. Records shall be kept and made available upon request from this Division documenting the serial number and tier certification of any generator operated during this period.
14. This permit shall supersede Air Quality Permit CT-7124 for the Eastfork Ranch Pit (formerly the Bousman Pit) upon permit issuance.

# **APPENDIX A**

## **Facility Location Map**



## **APPENDIX B**

### **Emission Estimates**



**CRUSHING EMISSIONS:**

Based on 300,000 TPY production rate, TSP and PM<sub>10</sub> emissions associated with crushing operations were estimated as follows:

Crushing: 0.0054 lb/ton TSP, 0.0024 lb/ton PM<sub>10</sub>  
AP-42 Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{300,000 \frac{\text{ton}}{\text{year}} \times 0.0054 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.4 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{300,000 \frac{\text{ton}}{\text{year}} \times 0.0024 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.2 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

**SCREENING EMISSIONS:**

Based on 300,000 tpy maximum production rate, TSP and PM<sub>10</sub> emissions associated with screening operations were estimated as follows:

Screening: 0.025 lb/ton TSP, 0.0087 lb/ton PM<sub>10</sub>  
AP-42 Table 11.19.2-2 8/04

$$\text{TSP Emissions} = \frac{300,000 \frac{\text{ton}}{\text{year}} \times 0.025 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 1.9 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{300,000 \frac{\text{ton}}{\text{year}} \times 0.0087 \frac{\text{lb}}{\text{ton}} \times (1 - 0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.7 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

**EXPOSED ACREAGE:**

Based on 25 acres exposed to wind erosion annually, TSP and PM<sub>10</sub> emissions were estimated as follows:

Exposed Acreage: TSP: 0.38 tons/acre/year, PM<sub>10</sub>: 0.11 tons/acre/year  
 AP-42 Table 11.9-4, PM<sub>10</sub> = TSP x 0.3

TSP Emissions = 25 acres x 0.38 tons/acre/year x (1-0.50) = 4.8 TPY (50% control)

PM<sub>10</sub> Emissions = 25 acres x 0.11 tons/acre/year x (1-0.50) = 1.4 TPY (50% control)

**TRUCK LOADING AND STOCKPILING EMISSIONS:**

Based on 300,000 TPY of mined material, 50,000 TPY of stockpiled material and 34,020 TPY of topsoil, TSP and PM<sub>10</sub> emissions associated with stockpiling operations were estimated as follows, using AP-42 13.2.4 Equation 1:

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

Where:

k=particle size multiplier

U=average wind speed, mph

M=material moisture content, %

TSP:

k=0.74

U= 6.9 mph (average wind speed for Boulder, WY)

M=0.7%

$$E = 0.74(0.0032) \frac{\left(\frac{6.9}{5}\right)^{1.3}}{\left(\frac{0.7}{2}\right)^{1.4}} = 0.0157 \frac{lb}{ton}$$

$$\text{TSP Emissions} = \frac{384,020 \frac{ton}{year} \times 0.0157 \frac{lb}{ton} \times (1-0.50)}{2,000 \frac{lb}{ton}} = 1.51 \frac{ton}{year} \times 2 \frac{drops}{trip} = 3.0 \frac{ton}{year} \text{ (50\% control)}$$

PM<sub>10</sub>:

$$k=0.35$$

$$U=6.9 \text{ mph (average wind speed for Boulder, WY)}$$

$$M=0.7\%$$

$$E = 0.35(0.0032) \frac{\left(\frac{6.9}{5}\right)^{1.3}}{\left(\frac{0.7}{2}\right)^{1.4}} = 0.0074 \frac{\text{lb}}{\text{ton}}$$

$$\text{PM}_{10} \text{ Emissions} = \frac{384,020 \frac{\text{ton}}{\text{year}} \cdot 0.0074 \frac{\text{lb}}{\text{ton}} \cdot (1-0.50)}{2,000 \frac{\text{lb}}{\text{ton}}} = 0.71 \frac{\text{ton}}{\text{year}} \times 2 \frac{\text{drops}}{\text{trip}} = 1.4 \frac{\text{ton}}{\text{year}} (50\% \text{ control})$$

#### HAUL ROAD ACTIVITY EMISSIONS:

Fugitive TSP and PM<sub>10</sub> emissions per Vehicle Mile Traveled (VMT) associated with haul roads are estimated using AP-42 Chapter 13.2.2, equation (1a) as follows:

$$E = k \left( \frac{s}{12} \right)^a \left( \frac{W}{3} \right)^b$$

Where:

k=empirical constant

s=surface material silt content, %

a=empirical constant

W=mean vehicular weight

b=empirical constant

Note: McMurry Ready Mix Company will operate the Eastfork Ranch Pit as an aggregate sales operation. Customers will use their own haul vehicles. For haul road emission estimations a mean vehicular weight of 13.0 tons and a haul capacity of 19.0 tons were used (same as in Permit Application Analysis AP-7124).

TSP:

$$\begin{aligned}k &= 4.9 \\s &= 8.3 \\a &= 0.7 \\W &= 13.0 \text{ tons} \\b &= 0.45\end{aligned}$$

$$E = 4.9 \left( \frac{8.3}{12} \right)^{0.7} \left( \frac{13.0}{3} \right)^{0.45} = 7.32 \frac{\text{lb}}{\text{VMT}}$$

$$\text{Amount of trips per year: } 300,000 \frac{\text{ton}}{\text{year}} \times \frac{1}{19.0} \frac{\text{trip}}{\text{ton}} = 15,790 \frac{\text{trip}}{\text{year}}$$

$$\text{TSP Emissions} = 15,790 \frac{\text{trip}}{\text{year}} \times 3.6 \frac{\text{mile}}{\text{trip}} \times 7.32 \frac{\text{lb}}{\text{mile}} \times \frac{\text{ton}}{2,000 \text{ lb}} \times (1 - 0.50) = 104.0 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

PM<sub>10</sub>:

$$\begin{aligned}k &= 1.5 \\s &= 8.3 \\a &= 0.9 \\W &= 13.25 \text{ tons} \\b &= 0.45\end{aligned}$$

$$E = 1.5 \left( \frac{8.3}{12} \right)^{0.9} \left( \frac{13.0}{3} \right)^{0.45} = 2.08 \frac{\text{lb}}{\text{VMT}}$$

$$\text{Amount of trips per year: } 300,000 \frac{\text{ton}}{\text{year}} \times \frac{1}{19.0} \frac{\text{trip}}{\text{ton}} = 15,790 \frac{\text{trip}}{\text{year}}$$

$$\text{PM}_{10} \text{ Emissions} = 15,790 \frac{\text{trip}}{\text{year}} \times 3.6 \frac{\text{mile}}{\text{trip}} \times 2.08 \frac{\text{lb}}{\text{VMT}} \times \frac{\text{ton}}{2,000 \text{ lb}} \times (1 - 0.50) = 29.6 \frac{\text{ton}}{\text{year}} \text{ (50\% control)}$$

Ready Mix Concrete  
Sand & Gravel  
Heavy Construction



P.O. Box 2488  
Casper, WY 82602  
Office (307) 473-9581  
Batch plant 473-7625  
Gravel sales 472-0548  
Fax (307) 235-0144

May 27, 2010

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



Reviewer NCM  
Copy to:  
Cynthia \_\_\_\_\_  
D.E. \_\_\_\_\_  
File: 10747

RE: Permit No. CT-7124 Modification

Sir or Madam,

Please find enclosed three (3) permit application forms for the modification of current AQD Permit No. CT-7124 for McMurry Ready Mix Co.'s Eastfork Ranch Pit. Aqua Terra Consultants, on behalf of McMurry Ready Mix Co., has submitted to Land Quality Division a regular mine application to expand the current ten acre ET for the mine site. This AQD application is to accommodate the expansion. The LQD regular mine application has been assigned TFN 5 3-143 if needed by AQD.

The regular mine proposed total acreage is 335 with a total of 292 affected acres. A rolling reclamation agreement will limit total exposed acreage to wind erosion at any one time to 25 acres. Proper land use documentation is on file with AQD as part of the current Permit No. CT-7124.

Please contact me with any questions or comments.

Sincerely,

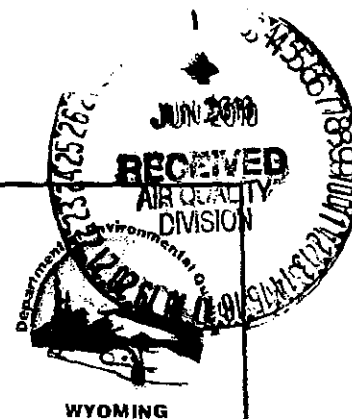
J. David Hornbeck  
Safety/Environmental Director  
McMurry Ready Mix Co.  
PO Box 2488  
Casper, WY 82602  
(307) 473-9581  
(307) 235-0144 fax  
[daveh@mmco.net](mailto:daveh@mmco.net)

jdh/  
enclosures



**STATE OF WYOMING**  
**Department of Environmental Quality**  
**Air Quality Division**  
**WAQS&R Chapter 6, Section 2 Permit Application**  
**Mining/Quarry Operations - Non Coal**  
**Permit Application Form**

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



**COMPANY:** McMurry Ready Mix Co.

**Contact:** J. David Hornbeck

**Title:** Safety/Environmental Dir.

**Mailing Address:** PO Box 2488

**City:** Casper

**State:** Wyoming

**Zip:** 82602

**Phone:** (307) 473-9581

**Fax:** (307) 235-0144

**E-Mail:** daveh@mrsmco.net

**MINE/QUARRY NAME:** Eastfork Ranch Pit (Current AQD Permit No. CT-7124; LQD Permit No. 1423 ET)

**New Mine/Quarry:** ☐

**Modification to existing Mine/Quarry:** ☒ X

**Size of Mine/Quarry:** 335 total; 292 affected Acres (Disturbance 25 acres at a time)

**Legal Description:** S 1/2 N 1/2 Section 6, 7 T 31 N R 106 W

**Latitude:** Mine Office - 42 40 48.6 N **Longitude:** 109 31 15.6 W

**County:** Sublette

**Number of residences within 1 mile radius:** 4 **Distance to nearest residence:** .6 mile (Bousman)

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

**Total Material Available:** 11,000,000 tons **Max. Annual Production:** 300,000 tons/yr

**Max. Hourly Production:** 600 tons/hr **Avg. Hourly Production:** 300 tons/hr

**Max. Hours of Operation:** 12 hours/day 6 days/week 50 (max) weeks/year

**EQUIPMENT/OPERATION**

**Crushing\*** ☒ x<sup>+</sup>

**Stockpiling\*** ☒ x

**PLANNED AT THIS SITE:**

**Screening\*** ☒ x<sup>+</sup>

**Blasting\*** ☐

(mark all that apply)

**Hot Mix Asphalt Plant\*** ☐ <sup>+</sup>

**Concrete Batch Plant\*** ☐ <sup>+</sup>

\*Operation of crushers, screens, stock piling, blasting, hot mix asphalt plants or concrete batch plants at the quarry will only be allowed if so designated on this application.

\*Any crushers, screens, hot mix asphalt plants, or concrete batch plants must have a separate, valid air quality permit to operate at this mine/quarry.

**This application must include:**

1. 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 (local planning and zoning department, county commissioners, etc) (Per Chapter 6, Section 2(c)(iv) of the WAQS&R).
2. A map identifying the site location and mining activities (for operations 10 acres or less) or a mine plan (for operations more than 10 acres). (The mine plan from the Land Quality Division (LQD) Application [Item 9 on LQD Form 1(s)] may be used; a reclamation plan is not required.)

I, J. David Hornbeck,

Safety/Environmental 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 at this mine/quarry. The facility will operate in compliance with all Wyoming Air Quality Standards and Regulations.

**Signature:** J. David Hornbeck

**Date:** 05/27/2010



## REVISÉ: August 2008





**Attachment**

Haul Trucks: McMurry Ready Mix Co. operates the Eastfork Ranch Pit as an aggregate sales operation. The number and size of vehicles traveling on the site will depend on the customer purchasing material from the site as the customer will be providing their own haul vehicle(s).



**STATE OF WYOMING**  
**Department of Environmental Quality**  
**Air Quality Division**  
**WAQS&R Chapter 6, Section 2 Permit Application**  
**Mining/Quarry Operations – Non Coal**  
**Emission Summary Form**



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

[illegible]

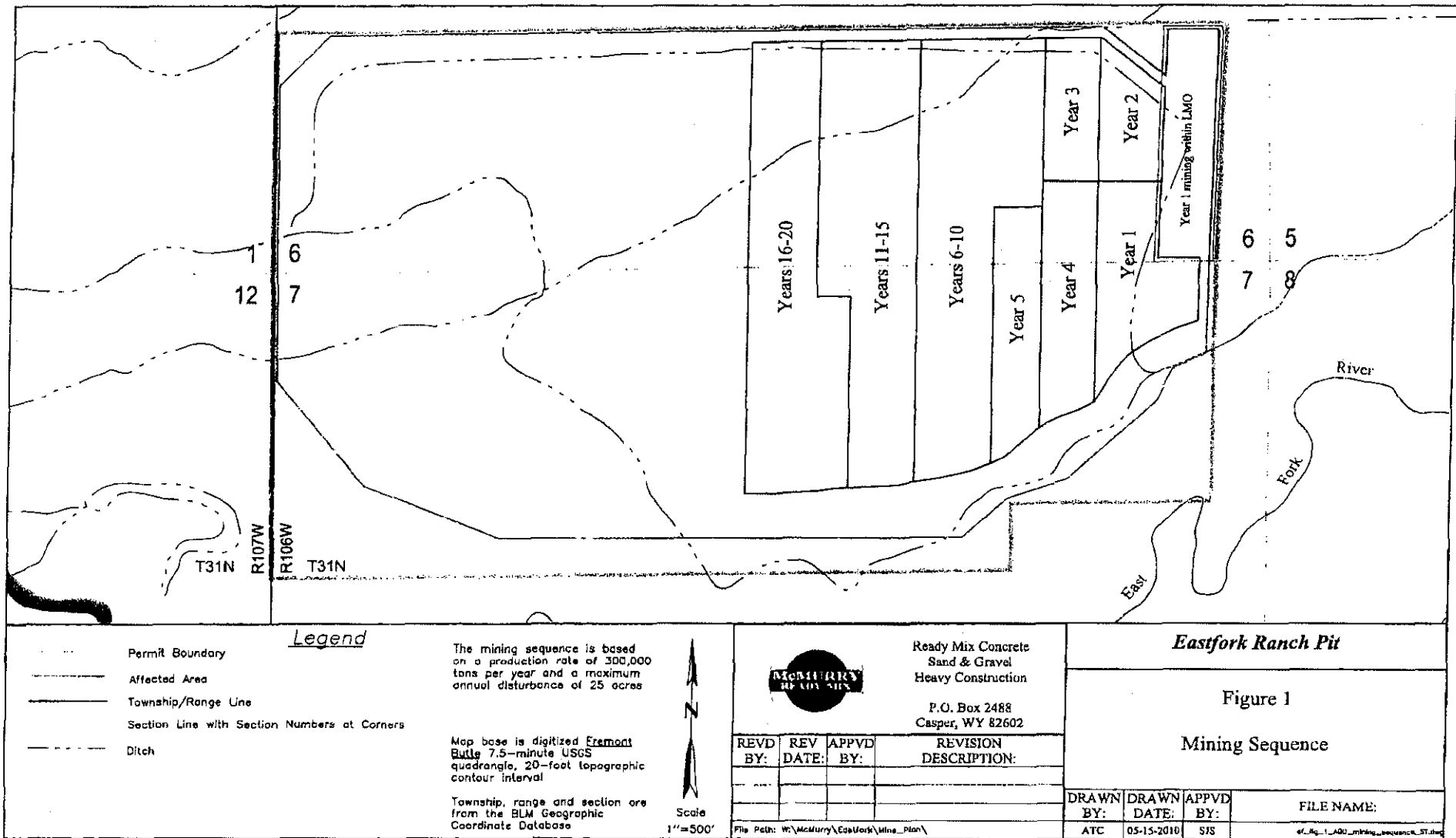


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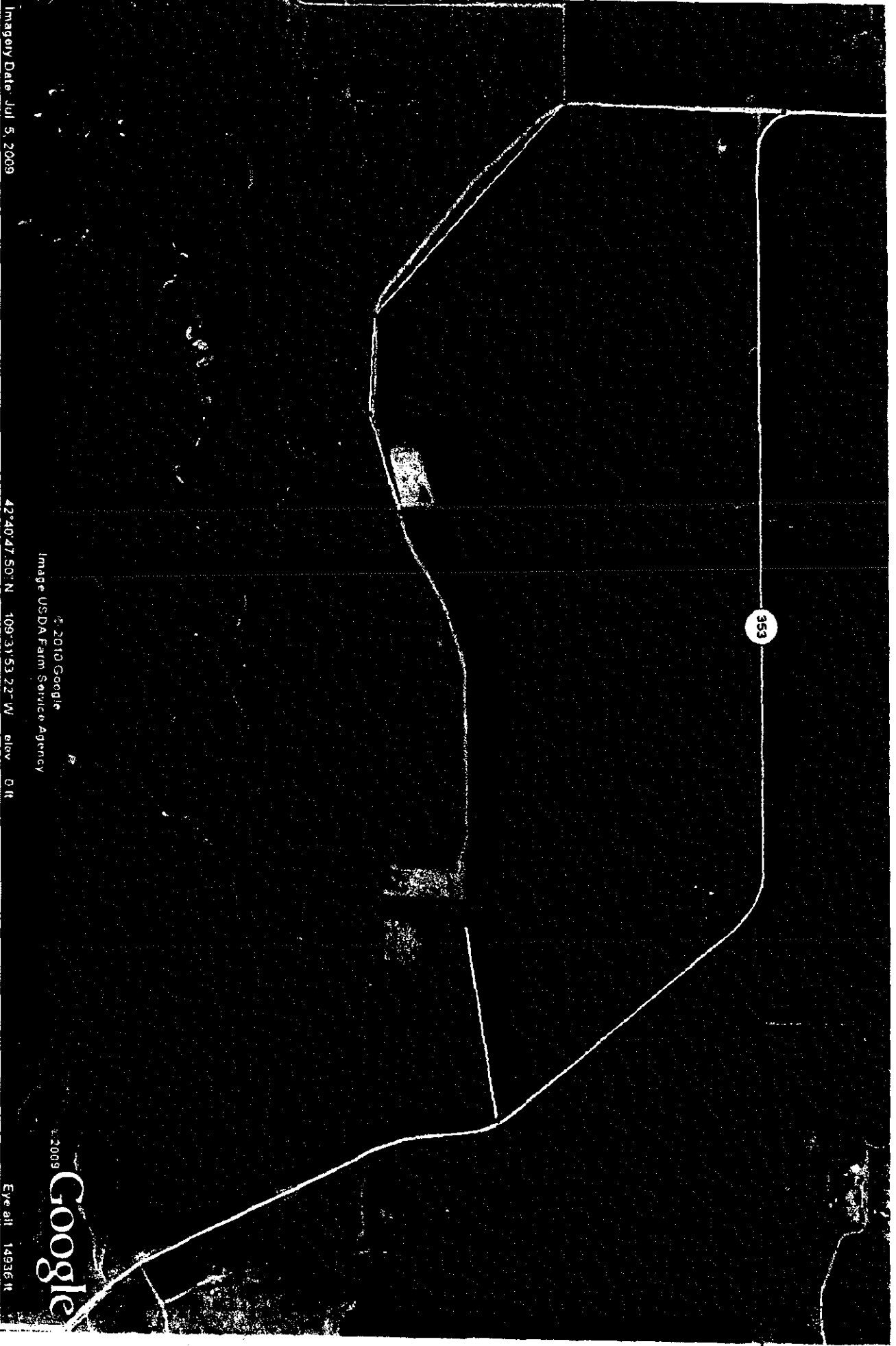
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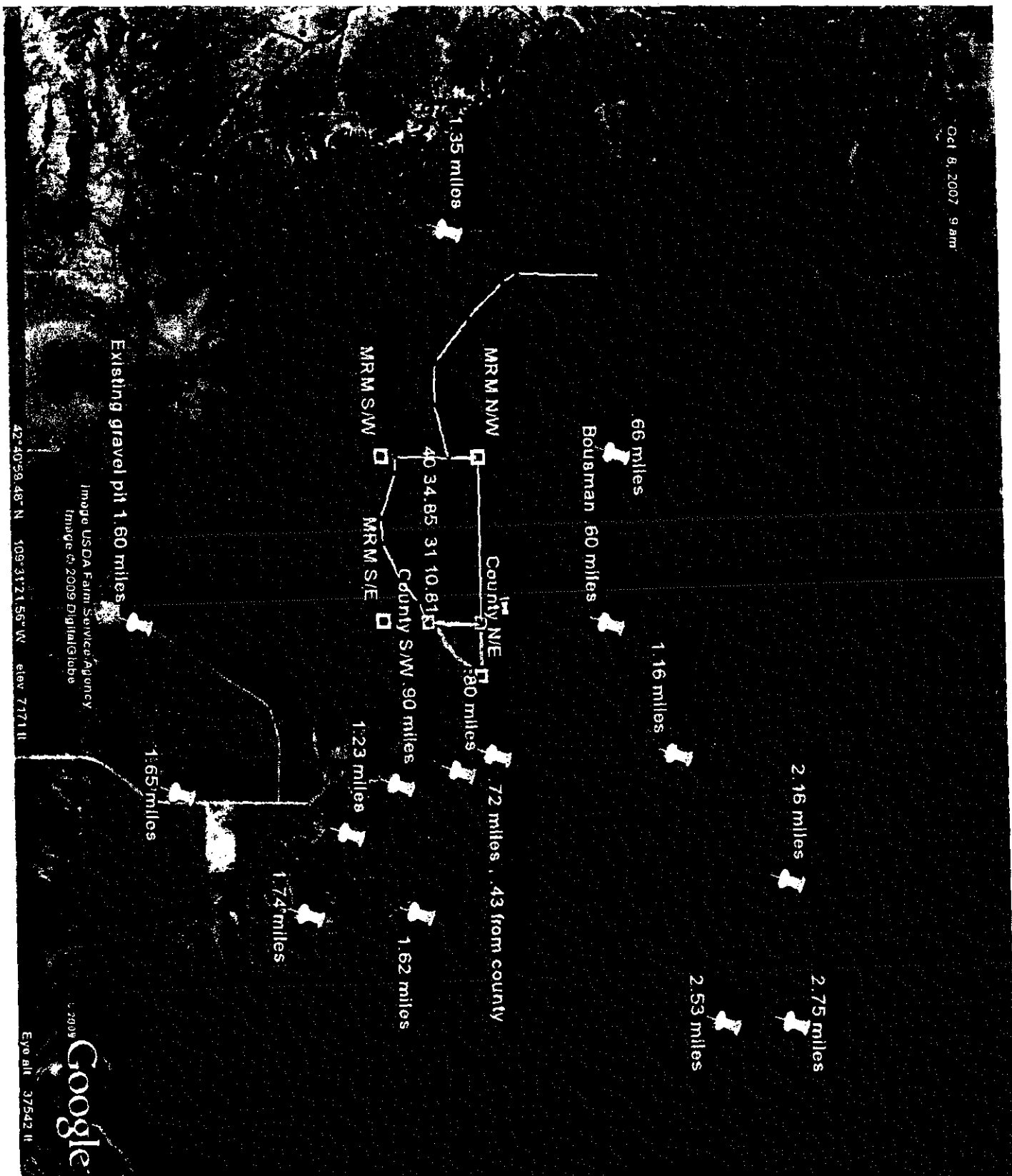
© 2010 Google  
Image USDA Farm Service Agency

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Eye alt 14936 ft

Google





Residence  
Locations

P.O. Box 2488; Casper, Wyoming 82602  
(307) 473-9581 FAX (307) 235-0144

## McMurry Ready Mix

### Fax

To: Wyoming DEQ - AQD  
Attn: Nick Meeker

From: David Hornbeck

Fax: (307) 777-5616

Pages: 1 (including cover)

Phone: (307) 777-5589

Date: 6/17/2010

Re: AP-10747

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Nick,

Given the rolling reclamation procedure at the Eastfork Ranch Pit, the maximum size of the one topsoil stockpile would be 20,160 cubic yards.

Let me know if you need more information.

David Hornbeck  
Safety/Environmental Director  
McMurry Ready Mix Co.



# Memo

To: Wyoming DEQ – Air Quality Division

Attn.: Nick Meeker

From: David Hornbeck

CC:

Date: 07/13/2010

Re: Eastfork Ranch Pit in Sublette County

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Nick,

Included is a signed letter from Bart Myers with Sublette County regarding proper land use for the Eastfork Ranch Pit air permit modification.

Please call if you have any questions.

Thank you.

A handwritten signature in black ink, appearing to read "J. David Hornbeck".

J. David Hornbeck  
Safety/Environmental Director  
McMurry Ready Mix Co.  
PO Box 2488  
Casper, WY 82602  
(307) 473-9581  
(307) 235-0144 fax  
daveh@mrmco.net

***Planning and Zoning Department***

County of Sublette  
P.O. Box 506, 21 S. Tyler  
Pinedale, Wyoming 82941  
www.sublettewyo.com  
367-4372 276-3827

March 4, 2010

McMurry Ready Mix Company  
Attention: Ron McMurry  
P.O. Box 2488  
Casper, Wyoming 82602

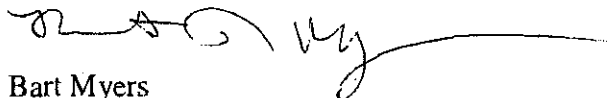
Dear Mr. McMurry:

This letter follows the February 22, 2010 letter from the Department of Environmental Quality regarding your East Fork Pit. It is my understanding that McMurry Ready Mix is in the process of applying for a large mine permit with the Department of Environmental Quality. The County Planning and Zoning Department does not issue a permit or apply standards to operations permitted as large mines by the Department of Environmental Quality. The County Zoning and Development Regulations provide that the County may accept a permit issued by a State or Federal agency as evidence of compliance with all applicable regulations, which would be the case where the Department of Environmental Quality is issuing a large mining permit. With that said; the County Zoning and Development Regulations do require a Conditional Use permit for a ten (10) acre exemption under the Department of Environmental Quality Regulations.

In summary, the operation of a gravel pit which is permitted a small mine by the Department of Environmental Quality does not require review and approval by Sublette County. However, operation of a gravel pit which is considered a ten (10) acre exemption by the Department of Environmental Quality is subject to the conditional use process as provide in the County Zoning and Development Regulations.

Should you have additional questions or concerns feel free to contact this office.

Sincerely,



Bart Myers  
Planning and Zoning Administrator

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JUL 01 2010

Sublette County