



STATE OF
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Godfrey Pit updates

Bent Admin <bent.admin@bentcounty.net>

Mon, Nov 15, 2021 at 4:45 PM

To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>

Hi Jared,

Attached is a copy of the revisions that are going out in the mail tomorrow. I didn't get them finished in time to go out today. Let me know if you have any concerns with what is being submitted.

Thanks again for your help.

Calvin

Calvin Feik

Bent County|Administrator

PO Box 350

Las Animas, CO 81054

bent.admin@bentcounty.net

719-456-2223

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Godfrey Pit revisions sent 2021-11-15.pdf

390K



Bent County Administrator

November 15, 2021

Colorado Division of Reclamation, Mining, and Safety
Attn: Jared Ebert
1313 Sherman Street, Room 215
Denver, CO 80203

RE: Godfrey Pit, M-2021-006 112c Construction Material Permit Application – Revision#3

Dear Mr. Ebert:

Enclosed are updated sections and notification letters for the Godfrey Pit permit application. As requested in adequacy review #3, the following items have been updated:

- Exhibit D – Mining plan has been updated to include the access road acreage in the plan, as well as providing additional clarification on number of acres actively mined and projected total mined acres.
- Exhibit E – Reclamation plan has been revised to match the changes to the mining plan and to account for the access road acreage. Land owner letter requesting the access road remain after reclamation is also included.
- Exhibit I – updated to address soils along the access road. Added Exhibit I-1: whole site soils map and descriptions for the access road area.
- The City of Las Animas is the land owner across the road from the access road at its intersection with County Road 10. The City was inadvertently not initially notified. A letter from the City of Las Animas is included stating they have been notified and do not have concerns.

Hopefully, I have adequately addressed all concerns regarding the application. Let me know if additional updated will be needed.

Sincerely,

Calvin Feik, Bent County Administrator

BENT COUNTY COMMISSIONERS
112 PERMIT APPLICATION

EXHIBIT D (Mining Plan)
Godfrey Pit

Mining will commence on the northeastern corner of the affected area then proceed to the west along the northern boundary then south as shown in the Exhibit C - Mining Plan map. Mining will be performed using front end loaders. The deposit varies in depth from a few feet to approximately 10 feet thick located between 1 and 4 feet below the upper surface of the mined area. No explosives will be used in the mining operation.

A new access road will be constructed from County Road 10 to the pit boundary using "pit run" material for the proposed gravel pit. The access road path will be minimally graded and pit run material will be used to create the approximately 20-foot-wide by 6-inch thick access road. The access road will remain after mining and reclamation are completed at the land owner's request (see included request letter).

Approximately 4 to 10 inches of topsoil will be removed and collected along the northern boundary of the affected area for use during reclamation. Additional overburden ranging from a few inches to up to 3 feet may be removed, collected, and stored along the northern boundary of the affected area as shown on Exhibit C2 for use during reclamation as needed. The topsoil and overburden materials will be isolated and stabilized with a the same or a faster growing subset of the reclamation seed mix (e.g. sideoats gramma and sand dropseed) for use during reclamation. Mining will be performed as needed over several years. Reclamation activities will be performed as mining progresses. Approximately 5 acres will be used for staging and stockpiling of mined material. Mined area will be reclaimed when 5 acres of mined area is available for reclamation. Approximately 80 total acres of the affected land will be mined over time with approximately 10 acres being actively mined or used for stockpiles at any given time, in addition to the 10.46 acres dedicated to the access roadway, which will remain after reclamation.

No secondary commodities will be mined from the affected area.

Approximately 15 acres in two locations of the affected area was previously mined in the 1940's to construct a now abandoned airport for World War II training. These areas may be remined as they still contain some desirable material.

The leading edge of the mined areas will be sloped by front end loader to an approximate 45-degree angle. Mined areas will be sloped to a slight grade sufficient to reduce rainwater collection. Approximately 3 acres will be mined per year. Screening and crushing of the mined material may occur annually or biennially. The screened materials will be stockpiled in the mined area of the affected pit area. Pit operation shall be intermittent with approximately 2 months of mining and screening per year or every other year. Stockpiled material will be used as needed, but total activity will be less than 180 days per year.

BENT COUNTY COMMISSIONERS
112 PERMIT APPLICATION

EXHIBIT E (Reclamation Plan)
Godfrey Pit

Reclamation will follow the mining activity direction beginning on the northern edge of the affected area and proceeding to the south as shown in the Exhibit F – Reclamation Plan map. Reclamation will be performed over time following mining. Approximately 5 acres will be reclaimed at a time, with approximately 5 acres in active mining and stockpiling, in addition to the 10.46 acres in the access easement.

The proposed material to be mined forms small hill. The overall affected land area will be graded to a slope of 5% or less prior to revegetation. Using front end loaders for earthmoving, the overburden will be utilized to provide the final specified grade then topsoil will be distributed to a depth of 4 to 10 inches.

The reclaimed area will be prepared by disking then reseeded at approximately 8 pounds per acre using a grass drill with a blend of grasses recommended by the local NRCS office. The grass blend includes buffalo grass (~38%), western wheatgrass (~23%), blue grama (~13%), sideoats grama (~13%), alkali sacaton (~3%), and sand dropseed (~2%) with the rest being inert. The affected area is currently rangeland and will be returned to rangeland upon reclamation.

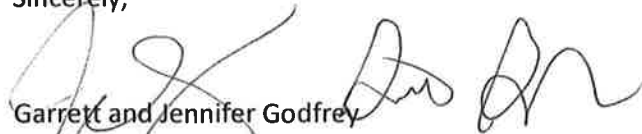
October 19, 2021

Bent County
Attn: Calvin Feik
P.O. Box 350
Las Animas, CO 81054

Dear Mr. Feik:

Regarding the proposed new gravel pit to be located on our property, we are requesting that the gravel pit access road being developed NOT be reclaimed when the gravel pit is depleted. Our desire is to retain the access road for our use in the future.

Sincerely,



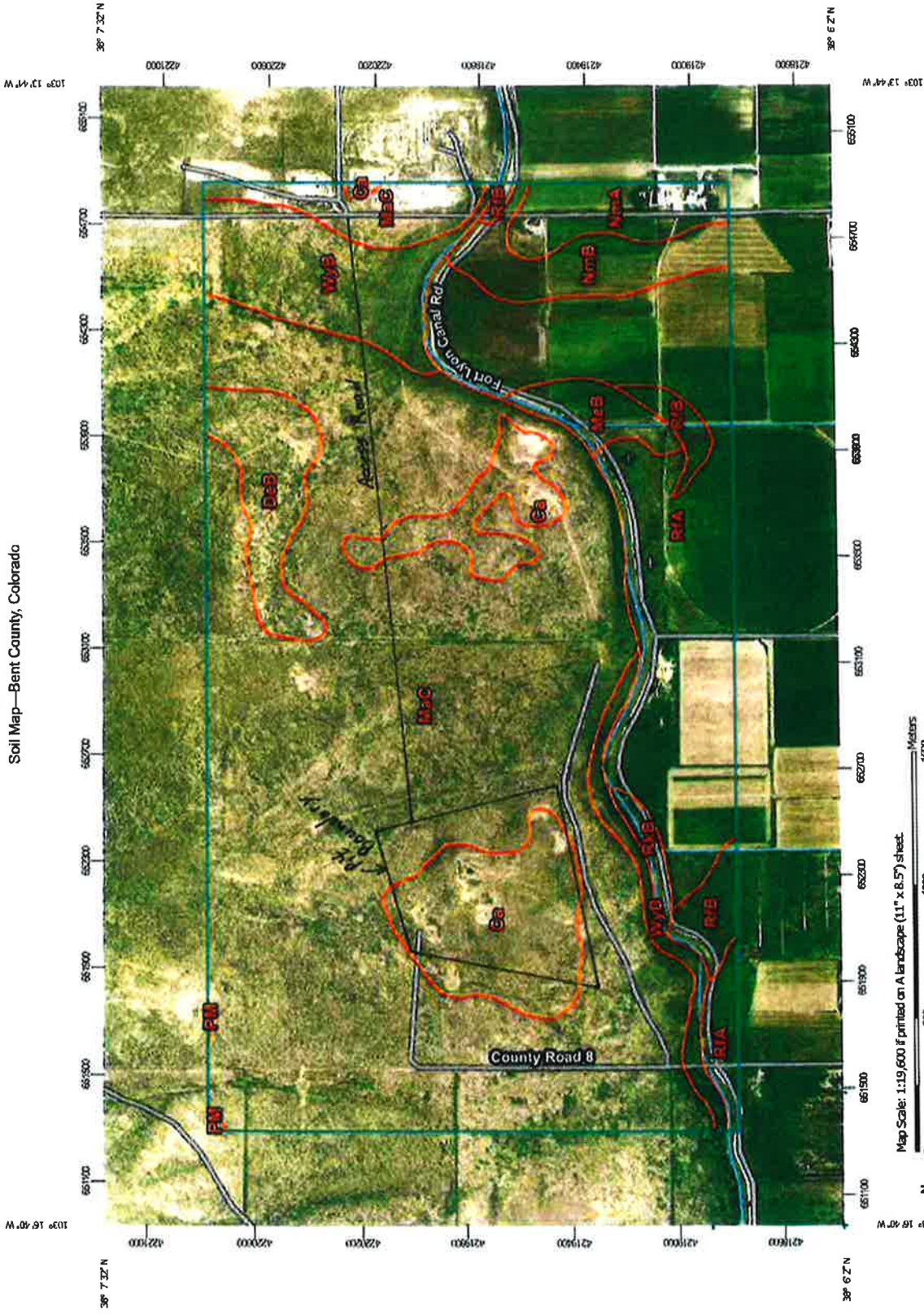
Garrett and Jennifer Godfrey
31849 County Road 9
Las Animas, CO 81054

BENT COUNTY COMMISSIONERS
112 PERMIT APPLICATION

EXHIBIT I (Soils Information)
Godfrey Pit

The soils information on the following pages was received from the Las Animas NRCS office. Additionally, Exhibit I-1 showing soil information for S21, T22S, R52W was downloaded from the NRCS website to show the soils along the access roadway. The Landowners are requesting the access roadway remain after the proposed pit is reclaimed, therefore, this information is included for reference.

Exhibit I-1: Soil Map for Whole Site



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.











































Soil Survey Area: Bent County, Colorado
Survey Area Date: Version 18, Aug 31, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 22, 2014—Nov 12, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

MAP LEGEND

 Area of Interest (AOI)	 Area of Interest (AOI)	 Spoil Area
 Soils	 Soil Map Unit Polygons	 Stony Spot
 Soil Map Unit Lines	 Soil Map Unit Points	 Very Stony Spot
 Special Point Features	 Blowout	 Wet Spot
 Borrow Pit	 Clay Spot	 Other
 Closed Depression	 Gravel Pit	 Special Line Features
 Gravelly Spot	 Landfill	 Streams and Canals
 Lava Flow	 Marsh or swamp	 Transportation
 Mine or Quarry	 Miscellaneous Water	 Rails
 Perennial Water	 Rock Outcrop	 Interstate Highways
 Saline Spot	 Sandy Spot	 US Routes
 Severely Eroded Spot	 Sinkhole	 Major Roads
 Slide or Slip	 Sodic Spot	 Local Roads
 Background	 Aerial Photography	 Background

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ca	Cesajo soils and gravelly land	142.8	8.1%
DeB	Duerfai clay loam, 0 to 5 percent slopes	55.5	3.1%
MaC	Manvid silt loam, 2 to 6 percent slopes, dry	993.2	56.1%
MaB	Minnequa loam, dry, 1 to 5 percent slopes	25.4	1.4%
NmA	Numa clay loam, 0 to 1 percent slopes	43.1	2.4%
NmB	Numa clay loam, 1 to 3 percent slopes	52.8	3.0%
PM	Penrose-Minnequa complex, 1 to 15 percent slopes, dry	1.7	0.1%
RdA	Rocky Ford clay loam, 0 to 1 percent slopes	295.2	16.7%
RdB	Rocky Ford clay loam, 1 to 3 percent slopes	32.7	1.9%
RdC	Rocky Ford loam, wet, 1 to 3 percent slopes	9.8	0.5%
WyB	Wild silt loam, 0 to 3 percent slopes, dry	117.4	6.5%
Totals for Area of Interest		1,769.7	100.0%

CITY OF LAS ANIMAS

532 Carson Avenue
P.O. Box 468
Las Animas, Colorado 81054
Fax No. (719) 456-1210

City Clerk & Treasurer (719) 456-0422
Director of Public Works (719) 456-2571
Municipal Utilities (719) 456-1621

September 30, 2021

**Calvin Feik
Bent County Administrator
P.O. Box 350
Las Animas, CO 81054**

Dear Mr. Feik:

In regards to the letter we received dated September 20, 2021 on the proposed development of Godfrey Gravel Pit, the City of Las Animas is aware of proposed operation and have no comments or objections.

If you have any questions please do not hesitate to contact me.

Sincerely,



**Ken Wagner
City of Las Animas
Director of Public Works**