

August 18, 2023

Sent via email to: hunter.ridley@state.co.us

Hunter Ridley, Environmental Protection Specialist
Minerals Regulatory Program
Colorado Division of Reclamation, Mining and Safety
Department of Natural Resources
1313 Sherman Street, Room 215
Denver, CO 80203

**Re: Kagie Gravel Pit, File No. M-1979-102
Response to Technical Revision (TR-3), Adequacy Review #1**

Dear Hunter:

On behalf of West Fish Creek Ranch, LLC, please see the responses, provided below in blue text, to the items identified on the Technical Revision (TR-3), Adequacy Review #1 dated 8/17/2023. Revised Mining and Reclamation Plan Maps are attached.

1) Please re-submit Mining Plan and Reclamation Plan maps which conform to the following criteria, pursuant to Rule 6.2.1:

a) Show name of Applicant;

Response: This information has been added to each map.

b) must be prepared and signed by a registered land surveyor, professional engineer, or other qualified person;

Response: This information has been added to each map.

c) give date prepared;

Response: This information has been added to each map.

d) identify and outline the area which corresponds to the application;

Response: No changes.

e) with the exception of the map of the affected lands required in Section 34-32.5-112(2)(d), C.R.S. 1984, as amended, shall be prepared at a scale that is appropriate to clearly show all elements that are required to be delineated by the Act and these Rules. The acceptable range of map scales shall not be larger than 1 inch = 50 feet nor smaller than 1 inch = 660 feet. Also, that a map scale, appropriate legend, map title, date and a north arrow shall be included.

Response: The maps contain a map scale (1 inch = 88.89 ft), map title, and north arrow. The date has been added per 1(c) above. A legend has also been added to each map.

2) For the purposes of calculating an accurate bond, please inform the Division of the approximate slope and length of all highwalls in the upper and lower benches which will need to be backfilled to bring the site into its final reclamation slopes of 3H:1V.

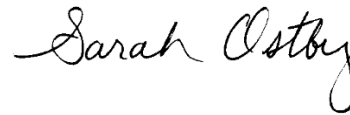
Response: The site is being mined in a manner that will not leave any highwalls in place that would require backfilling at the competition of mining. In the upper pit the west and south sides have been sloped and reclaimed leading down to the pit floor. The north side of this bench consists of a long slope leading down to the pit floor that will continue to be mined from the top down by reducing the existing slope from its current pitch of approximately 2H:1V down to a 3H:1V slope. All of these slopes now terminate at the pit floor. As the floor of this upper bench continues to be mined downward, these 3H:1V slopes will be maintained around the perimeter as the floor elevation is lowered, thereby reducing the need to conduct any backfilling during final reclamation. These slopes will then be graded to prepare them for topsoiling and seeding. On the lower bench, stockpiled material will be removed or regraded on the east side. Presently there is a steep slope between the upper bench and the west side of the lower bench where the access road connecting the two benches is located. Some of this slope will be removed during mining and lowering of the upper bench and the remaining side slopes will then be

Division of Reclamation, Mining and Safety
August 18, 2023
Page 3

graded to blend into this newly lowered area. If the upper bench were not mined, this area would be graded from the top down, across the slope or side slope, to create a stable final slope for reseeding.

Sincerely,

HOLSINGER LAW, LLC

A handwritten signature in black ink that reads "Sarah Ostby". The signature is fluid and cursive, with the first name "Sarah" and last name "Ostby" clearly distinguishable.

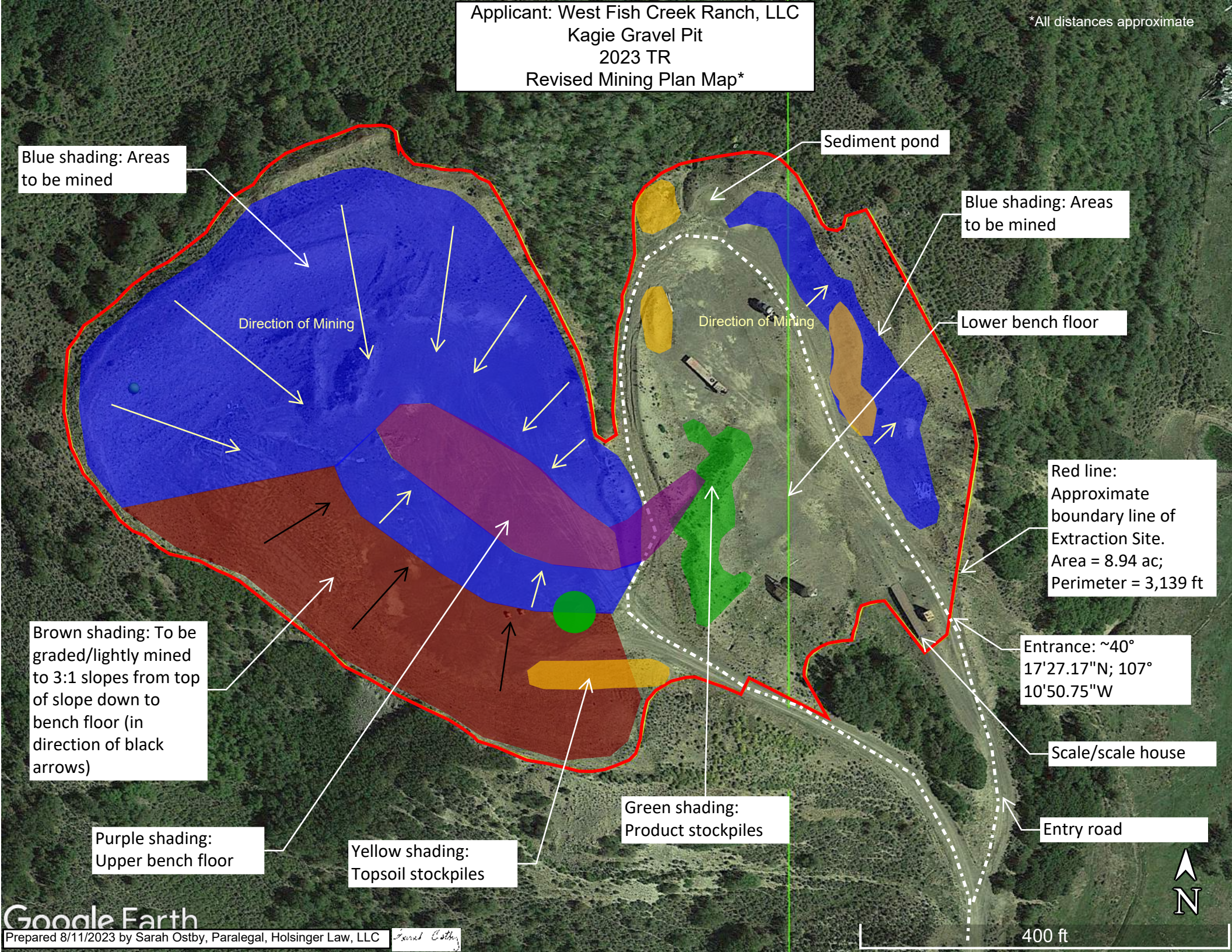
Sarah Ostby, *Paralegal*

Encl.

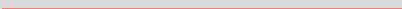








cc: Tony Waldron
Randy Foster, Manager of West Fish Creek Ranch, LLC
Kent Holsinger

Applicant: West Fish Creek Ranch, LLC
Kagie Gravel Pit
2023 TR
Revised Mining Plan Map*

*All distances approximate



Mining Plan Map Legend:

	Boundary of Proposed Extraction Site
	Areas to be mined
	Areas to be graded/lightly mined to 3:1 slopes from top of slope down to bench floor
	Upper bench floor
	Product stockpiles
	Topsoil stockpiles
	Direction of mining in areas to be mined
	Direction of mining in areas to be graded/lightly mined to 3:1 slopes from top of slope down to bench floor
	Entry road

Applicant: West Fish Creek Ranch, LLC
Kagie Gravel Pit
2023 TR
Revised Reclamation Plan Map*

Sarah Ostby

Turquoise shading:
Slopes to be graded
to 3H:1V or flatter,
topsoiled,
revegetated

Sediment pond

Purple shading:
Product stockpiles
will remain on-site
post-reclamation
until used fully, after
which area will be
graded/leveled to
blend into slope/
bench floor.

Brown shading: Lower
bench floor will not
be reclaimed (no
topsoiling,
revegetation). will be
graveled and used for
equipment and hay
storage.

Red line:
Approximate
boundary line of
Extraction Site.
Area = 8.94 ac;
Perimeter = 3,139 ft

Green shading:
Upper bench floor to
be topsoiled and
revegetated;
drainage directed to
lower bench/
sediment pond

Scale/scale house

Entrance: ~40°
17'27.17"N; 107°
10'50.75"W

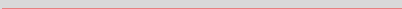





Entry road (to
remain post-
reclamation)

Reclamation Plan:
Reclamation will consist of regrading all slopes on both the upper and lower benches to 3H:1V or flatter. On the upper bench, once mining is completed, slopes will be re-graded, and all available topsoil will be replaced on the slopes and un-reclaimed pit floor. The topsoil will be conditioned by minimal discing, chiseling or use of a drag harrow. Seeding will then occur using a rangeland seed drill where it is level enough and by broadcast seeding followed by harrowing in steeper areas. On the lower bench the operator is requesting a modification to the reclamation plan. That change is to leave the scale house and scale along with leaving the pit floor level and gravelled. All other extraneous equipment and junk will be removed prior to completing reclamation. The level floor will be used to store farm and ranch equipment as well as being used as a stackyard for hay storage. Due to this requested change, only the side slopes will be regraded, topsoiled, conditioned, and seeded on the lower bench. The owner also wishes for the access roads to remain along with the sediment basin and also reserves the right to retain some product stockpiles on the lower bench for private use on ranch.



400 ft

Reclamation Plan Map Legend:

	Boundary of Proposed Extraction Site
	Slopes to be graded to 3H:1V or flatter, topsoiled, revegetated
	Upper bench floor to be topsoiled and revegetated; drainage directed to lower bench/sediment pond
	Lower bench floor will not be reclaimed (no topsoiling, revegetation), will be graveled and used for equipment and hay storage
	Product stockpiles will remain on-site post-reclamation until used fully, after which area will be graded/leveled to blend into slope/bench floor
	Entry road