



STATE OF  
COLORADO

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

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## Builders Aggregate TR Adequacy Response to Comment

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**tara@tessarawater.com** <tara@tessarawater.com>  
To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>  
Cc: jminer149@hotmail.com, tara@tessarawater.com

Thu, Jan 10, 2019 at 4:14 PM

Jared, Attached are revisions to the Builder's Aggregate TR based on previously submitted comments. Please review these and let me know if you have any comments or require additional information.

If you could also let me know that you received this that would be appreciated.

Happy New Year,

Tara Schutter, PE

Tessara Water, Inc.

303-710-9108

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### 3 attachments



**DRMS Response Letter 1 10 19.pdf**  
101K



**TR01 Pre-Mining-Mining Plan 1-10-19 a.pdf**  
1667K



**TR01 Reclamation Plan map 1-10-19 a.pdf**  
1475K



Tessara Water, Inc.

a woman owned water resources engineering firm

13101 Cavanaugh Road

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e-mail: tara@tessarawater.com

website: www.tessarawater.com

January 10, 2019

Mr. Jared Ebert  
State of Colorado  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

RE: Builders Aggregate, M-1981-112  
Technical Revision No. 1 (TR01) Response to Adequacy Review No. 1

Dear Jared:

Tessara Water, Inc. is pleased to submit this letter in response to Adequacy Review No. 1. Below details the revisions made based on your comments.

**Exhibit C – Rule 6.4.3 – Pre-Mining and Mining Plan Map**

2. Please provide a map or maps that meet the requirements of Rule 6.4.3 and 6.2.1(2).
  - a. **Builder's Agg. Response:** The premining map and mining map is provided here in.
  - b. **DRMS Response:** Please address the following issues with the map
    - i. Please clearly depict where the current 1.5 acre pond/dredge operation is situated and the direction the operation will move overtime.
    - ii. Please depict where the two acre stockpile area will be located.
    - iii. The map must be signed by the registered land surveyor, professional engineer or other qualified person who prepared it.
  - c. **Builder's Agg Response:**
    - i. The current dredge area / pond is approximately 0.24 acres and surrounds the current dredge. The dredge and surrounding pond have been depicted on Exhibit C. The mining operation will move in a NW direction. Arrows indicate the direction the operation will move over time have been added to Exhibit C.
    - ii. The existing sand stockpile has been depicted on Exhibit C as well as the direction the sand pile will move as mining progresses.
    - iii. The map has been signed and stamped by Tara Schutter, PE with Tessara Water, Inc.

#### **Exhibit D – Rule 6.4.4 - Mining Plan**

5. Please provide the information required by Rule 6.4.4(f). This information can be either presented as a narrative or provided on the revised Exhibit C map discussed above.
  - a. **Builder's Agg. Response:** 4, 5 - The affected land is going to be mined less than 180 days per year, so it will be an intermittent operation.
  - b. **DRMS Response:** The response to item number 5 of the adequacy review was not provided. A map (in Exhibit C – Pre-mining and Mining Plan Maps(s) of Affected Lands, subsection 6.4.3 may be used along with a narrative to present the following information:
    - i. Nature, depth and thickness of the deposit to be mined and the thickness and type of overburden to be removed.
    - ii. Nature of the stratum immediately beneath the material to be mined in sedimentary deposits.
  - c. **Builders Agg. Response:** The nature, depth and thickness of the deposit to be mined as well as the type of overburden to be removed as been added to Exhibit C. The stratum below the deposit has also been added to Exhibit C.

#### **Rule 6.4.6 – Exhibit F – Reclamation Plan Map**

7. Please address the following issues with the reclamation plan map:
  - a. The person who prepared the map must sign it.
  - b. Please depict the 25 foot buffer zone on the new reclamation plan map.  
**Builders Agg Response:** The 25 foot buffer zone has been added to Exhibit F and the plan has been signed and stamped by Tara Schutter, PE with Tessara Water, Inc.

#### **Rule 6.4.12 – Exhibit L – Reclamation Cost**

8. The Division has conducted a reclamation cost estimate for the site based on the information you have provided. The cost estimate is enclosed for your review. Please let the Division know if you concur with the estimate. Once the technical revision is approved, the operator will have sixty days to post the additional bond.  
**Builders Agg Response:** We are in agreement and approve the reclamation cost dated 11/27/18 that you submitted to us by email.

On behalf of Builders Aggregate, please accept this Adequacy Response Letter. We respectfully request approval of this Technical Revision. If you have any questions or require additional information, please do not hesitate to contact me. We appreciate your time and effort regarding this project.

Cordially,  
**Tessara Water, Inc.**

*Tara Schutter*

Tara Schutter, PE  
President  
TLS/ts

cc: TW File No.18-506



**STATE OF COLORADO**

**RULE FEEDERS LLC**

NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST QUARTER, SECTION 31, TOWNSHIP 4 NORTH, RANGE 57 WEST OF THE 6TH P.M.

**BUILDERS AGGREGATE CO.  
PERMIT AREA: 43.0 ac**

**PINTAIL PROPERTIES LLC**

**DOUBLE J CONCRETE**

**DOUBLE J CONCRETE**

**WESTERN SUGAR COOPERATIVE**

**SOILS**

MAP SYMBOL	MAP UNIT NAME
Bk	ELLICOTT GLENBERG COMPLEX
EaA	ELLICOTT GLENBERG COMPLEX
Rv	ELLICOTT GLENBERG COMPLEX
W	ELLICOTT GLENBERG COMPLEX
Wt	ELLICOTT GLENBERG COMPLEX

APPROXIMATE DEPTHS OF STRATA:  
0'-8' - Sandy Loam Overburden  
20'-25' - Sand and Gravel (Deposit to be mined)  
Bedrock - Shale

12FT HIGH ARMY CORPS APPROVED DAM

12FT HIGH ARMY CORPS APPROVED DAM

8FT HIGH ARMY CORPS APPROVED DAM

CURRENT DREDGE POND 0.24 ACRES

CURRENT SAND PILE / STOCKPILE

SAND PILE STOCKPILE WILL PROGRESS IN THIS DIRECTION AS MINING PROGRESSES SAND WILL ALSO FILL IN OPEN WATER DREDGE AREAS

DIRECTION OF MINING

200' OFFSET

PERMIT BOUNDARY

0 TO 3 PERCENT SLOPES

WESTERN SUGAR  
COOPERATIVE

WEST ALLUVIAL LAND

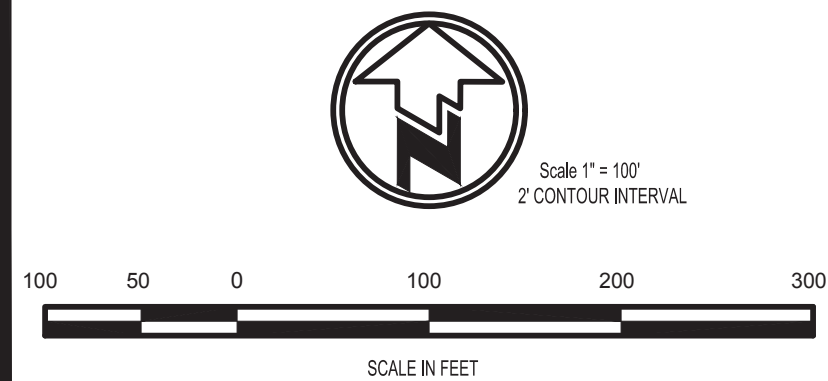
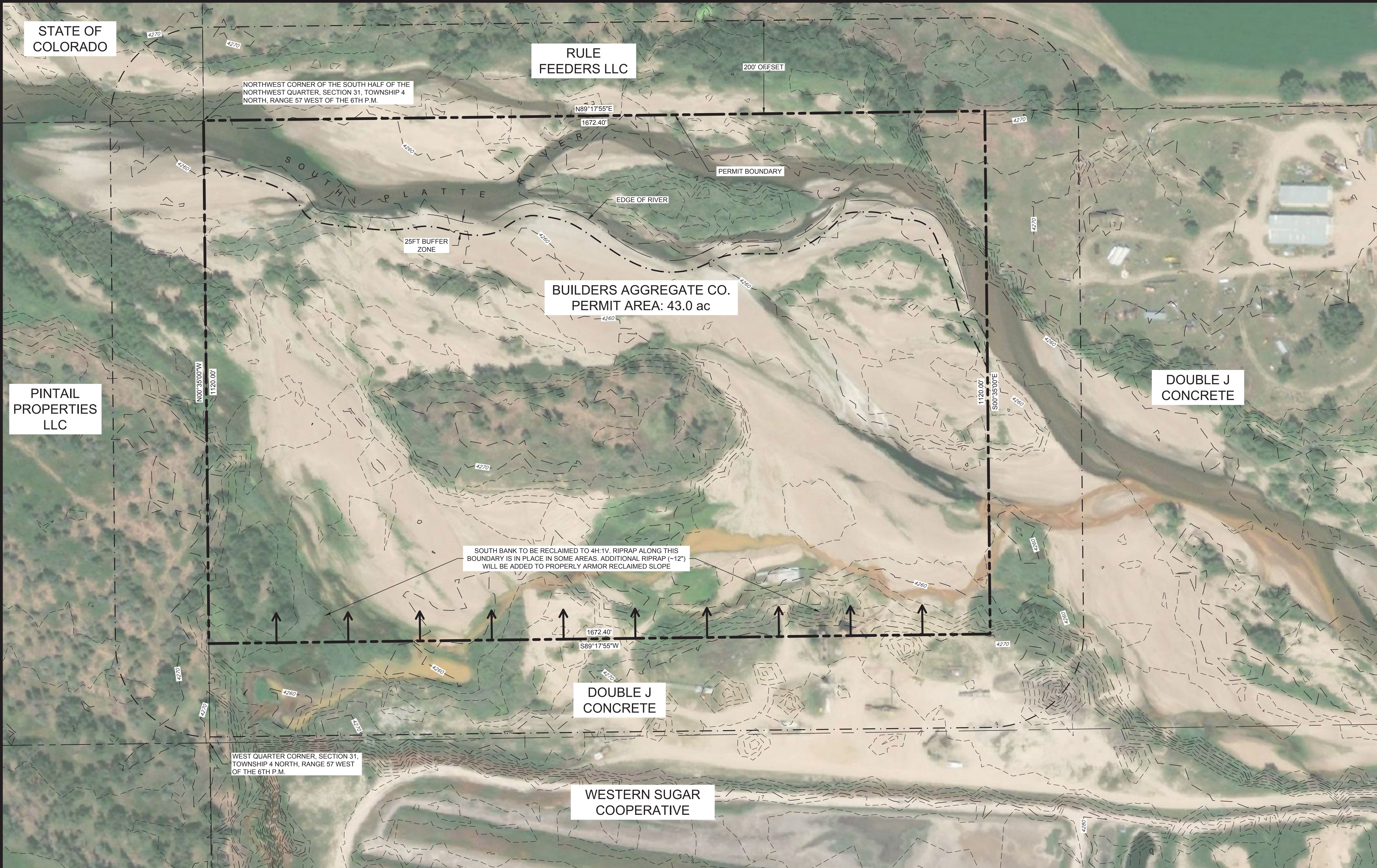
100 50 0 100 200 300

SCALE IN FEET

Of:








- NOTES:
- TOPOGRAPHY GENERATED FROM LIDAR DATA DOWNLOADED FROM COLORADO GEODATA CACHE. DATA DATED OCTOBER 2013.
  - PROPERTY OWNERS FROM MORGAN COUNTY GIS DOWNLOADED PARCEL SHAPEFILES. DATA DATED MARCH 26, 2018.

*Tara Schutter*  
(Tara L. Schutter)

January 10, 2019  
(Date)



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Hudson, Colorado 80642  
303.710.9108  
Email: tara@tessarawater.com  
www.tessarawater.com

**Tessara Water, Inc.**

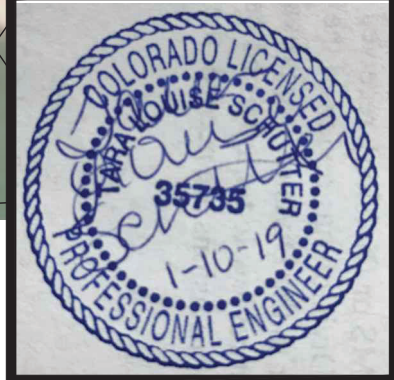
**TECHNICAL REVISION  
NO. 1 (TR01)**

**EXHIBIT F  
RECLAMATION PLAN**

**BUILDERS AGGREGATE  
M-1981-112**

REVISIONS				DESCRIPTION
NO	DATE	BY	CHKD	

Date: 10/JAN/19  
Job No: 706  
Drawn: LD  
Design: TLS  
Checked:   
Scale: 1" = 100'



Sheet: **F**

Of: