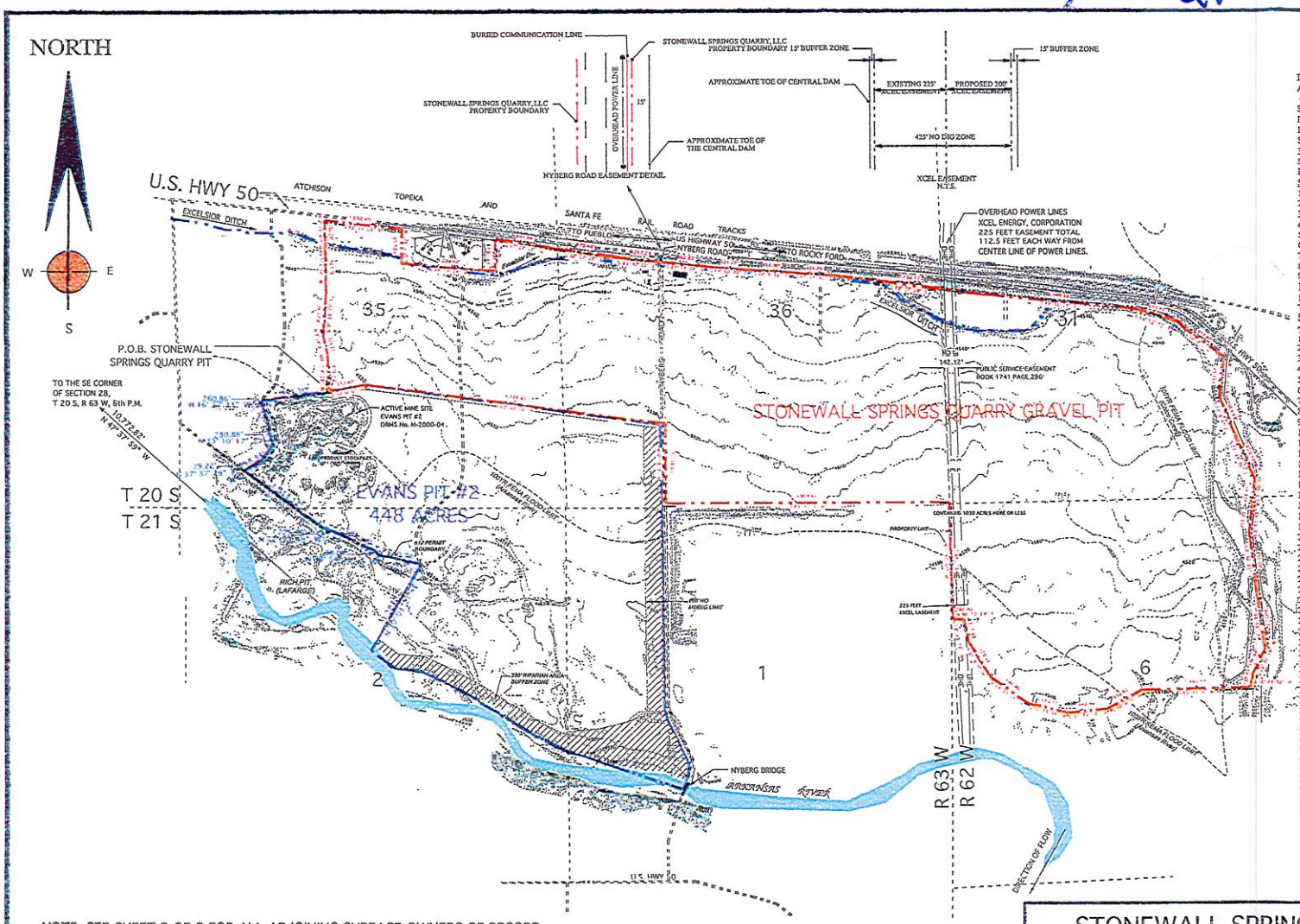
Existing Conditions

No disturbance at this time

1-8-20



Description of the Permit Boundary

A parcel of land in portions of Sections 35 and 36, Township 20 south, Range 63 west of the 6th principal meridian; and Section 31, Township 20 south, Range 62 west; and Section 6, Township 21 south, Range 62 west of the 6th principal meridian, County of Pueblo, State of Colorado. The permit boundary will be as follows:

Beginning at a point on the northerly bank of the Arkansas River from which the SE corner of Section 28 of said Township 20 South, Range 63 west bears N 47 degrees, 37' 59"W (bearing based on the south line of said Section 28 monumented at the SE corner with an axle and at the SW corner with a 21/2" aluminum monument PLS 16128 assumed to bear N 89 degrees 59' 18" W) a distance of 10,772.82 feet;

Station Number					
1	Thence	North 30 Degrees 03' 21" East	A Distance of	1,387.17 Ft;	
2	Thence	North 75 Degrees 21' 37" West	A Distance of	630.76 Ft;	
3	Thence	North 09 Degrees 54' 29" East	A Distance of	38.01 Ft;	
4	Thence	North 62 Degrees 10' 17" West	A Distance of	598.98 Ft;	
5	Thence	North 72 Degrees 52' 49" West	A Distance of	225.39 Ft;	
6	Thence	North 52 Degrees 36' 31" West	A Distance of	1,313.12 Ft;	
7	Thence	North 37 Degrees 37' 29" East	A Distance of	29.22 Ft;	
8	Thence	North 65 Degrees 34' 31" East	A Distance of	298.34 Ft;	
9	Thence	North 33 Degrees 10' 17" East	A Distance of	230.86 Ft;	
10	Thence	North 12 Degrees 11' 29" West	A Distance of	391.88 Ft;	
11	Thence	North 84 Degrees 17' 34" East	A Distance of	941.10 Ft;	

To the point of beginning (P.O.B.) of the mine permit boundary of the Stonewall Springs Quarry Gravel Pit.

Then following the courses below to define the mine permit boundary:

1	Thence	North	01 Degrees 04' 33" West A Distance of	471.23 Ft;
2	Thence	North	09 Degrees 59' 09" West A Distance of	324.21 Ft;
3	Thence	North	03 Degrees 36' 23" East A Distance of	621.42 Ft;
4	Thence	North	01 Degrees 05' 14" West A Distance of	665.78 Ft;
5	Thence	North	02 Degrees 15' 47" West A Distance of	352.24 Ft;
6	Thence	South	83 Degrees 34' 22" East A Distance of	1,062.40 Ft;
7	Thence	South	00 Degrees 01' 42" West A Distance of	485.33 Ft;
8	Thence	South	84 Degrees 54' 24" East A Distance of	1,284.07 Ft;
9	Thence	North	00 Degrees 00' 00" West A Distance of	441.63 Ft;
10	Thence	South	81 Degrees 22' 22" East A Distance of	801.56 Ft;
11	Thence	South	82 Degrees 27' 22" East A Distance of	870.46 Ft;
12	Thence	South	83 Degrees 32' 22" East A Distance of	624.02 Ft;
13	Thence	South	83 Degrees 32' 22" East A Distance of	662.32 Ft;
14	Thence	South	84 Degrees 50' 39" East A Distance of	531.25 Ft;
15	Thence	South	86 Degrees 09' 39" East A Distance of	655.90 Ft;
16	Thence	South	85 Degrees 11' 45" East A Distance of	555.90 Ft;
17	Thence	South	83 Degrees 27' 39" East A Distance of	2,102.17 Ft;
18	Thence	South	83 Degrees 33' 22" East A Distance of	2,049.38 Ft;
19	Thence	South	74 Degrees 56' 22" East A Distance of	632.82 Ft;
20	Thence	South	50 Degrees 00' 00" East A Distance of	819.80 Ft;
21	Thence	South	06 Degrees 12' 31" West A Distance of	539.57 Ft;
22	Thence	South	22 Degrees 06' 06" East A Distance of	564.68 Ft;
23	Thence	South	22 Degrees 34' 36" East A Distance of	699.29 Ft;
24	Thence	South	05 Degrees 50' 54" West A Distance of	428.41 Ft;
25	Thence	South	05 Degrees 52' 43" West A Distance of	299.30 Ft;
26	Thence	South	06 Degrees 30' 25" East A Distance of	841.00 Ft;
27	Thence	South	07 Degrees 55' 13" East A Distance of	800.21 Ft;
28	Thence	South	25 Degrees 36' 19" West A Distance of	396.44 Ft;
29	Thence	South	10 Degrees 43' 58" West A Distance of	188.45 Ft;
30	Thence	South	88 Degrees 41' 04" West A Distance of	1,495.12 Ft;
31	Thence	South	60 Degrees 00' 00" West A Distance of	530.82 Ft;
32	Thence	South	83 Degrees 31' 18" West A Distance of	542.46 Ft;
33	Thence	North	76 Degrees 18' 54" West A Distance of	553.72 Ft;
34	Thence	North	54 Degrees 33' 55" West A Distance of	646.80 Ft;
35	Thence	North 31 Degrees 06' 00" West A Distance of		576.92 Ft;
36	Thence	North	12 Degrees 49' 13" West A Distance of	319.98 Ft;
37	Thence	South	88 Degrees 12' 24" West A Distance of	150.40 Ft;
38	Thence	North 01 Degrees 47' 51" West A Distance of		1,642.76 Ft;
39	Thence	South	89 Degrees 45' 03" West A Distance of	3,909.67 Ft;
40	Thence	North	00 Degrees 15' 02" West A Distance of	1,118.00 Ft;
41	Thence	North	82 Degrees 40' 50" West A Distance of	4,128.60 Ft;
42	Thence	South	80 Degrees 00' 00" West A Distance of	513.47 Ft;

Back to the Point of Beginning P.O.B., totaling ±1030 acres

The combined acres permitted under this application are ± 1030 acres.

The average elevation of the Stonewall Springs Quarry Gravel Pit is 4,524 feet.

PIT ENTRY COORDINATES:

Entrance - UTM 13 552552E; 4235322N; NAD 27

NOTE: SEE SHEET 2 OF 2 FOR ALL ADJOINING SURFACE OWNERS OF RECORD. THE VEGETATION COVERING THE AFFECTED LANDS ARE IRRIGATED AND DRYLAND CROPS. THAT ARE TYPICAL FOR THIS AREA, SUCH HAS HAY, AND ALFALFA ALONG WITH OTHER CROPS THAT MAY BE VIABLE AND PROFITABLE. SEE THE SOIL AND VEGETATION MAP EXHIBIT "C" FOR FUTHER INFORMATION.

0 500 1000
SCALE 1" = 660'

CONTOR INTERVAL 2 FEET

STONEWALL SPRINGS QUARRY GRAVEL PIT		
CLIENT: STONEWALL SPRINGS QUARRY LLC		MLRB FILE NUMBER: M-_____-___
CONSULTANT: L J DEVELOPMENT, INC.		DRAWN BY: Joe Gagliano
EXHIBIT " C" PRE-MINING MAP	SHEET 1 OF 2	DATE: 09/25/2012