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Environment, Inc.

LARRY E. O'BRIAN
FOUNDER

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August 25, 2000

RECEIVED

AUG 25 2000

Division of Minerals and Geology

Mrs. Barbara Chiappone
Division of Minerals and Geology
Minerals Section - North
1313 Sherman Street, Suite 215
Denver, Colorado 80203

Dear Barb;

Re: Construction Materials Application Amendment
Sterling Redi-Mix, CO., Riverside Pit
M.L.R.B. Permit # M-76-056
Logan County, Colorado

Attached are five copies of the application amendment book and maps exhibits for the subject sand and gravel mine. The first book contains the ivory copy of the original application form with original seals and signatures. This packet also contains copies of the:

- Posted NOTICE certification
- Logan County Commissioners notice letter & return receipt
- Centennial Office SCD notice letter & return receipt
- the Logan County Clerk and Records notice letter & return receipt
- the Sterling City Council notice letter & return receipt

A check (#05330) for \$1,935.00 to cover the AMENDMENT APPLICATION FEE is attached. Please call me so I can begin publication and send the adjoining owners notices as soon as possible. If you have any questions please call me.

Sincerely,
Environment, Inc.

Stevan L. O'Brian
President

enclosures



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Exhibit A

LEGAL DESCRIPTION

Existing area

Part of the E $\frac{1}{2}$ SE $\frac{1}{4}$, Section 28, Township 8 North, Range 52 West of the 6th Principal Meridian, LOGAN COUNTY COLORADO, containing 46.55 acres more or less. (See legal description in original application)

Amendment area

Part SW $\frac{1}{4}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 33, Township 8 North, Range 52 West of the 6th Principal Meridian, LOGAN COUNTY COLORADO.

Beginning at the northeast corner of Section 33 thence S89°21'36"W, 1335.46 feet to the TRUE POINT OF BEGINNING, being the northeast corner of Lot 3 Block 2 of the Sonnenberg Industrial Park East. Thence S04°43'00"E, 78.03 feet along the west line of the existing Riverside Pit to the Southwest corner of said pit; thence along the east line of the Sonnenberg Industrial Park East, S04°43'00"E, 931.40 feet; thence S47°11'14"W, 36.38 feet; thence S08°40'50"E, 75.17 feet; thence S25°27'20"W, 498.55 feet; thence S61°20'00"W, 105.83 feet; thence S21°38'00"W, 125.68 feet; thence S42°10'00"W, 61.71 feet, to the SE corner of Lot 7 Block 2 of said subdivision; thence along the south line of Lot 7 Block 2, N64°19'30"W, 594.80 feet, to the SW corner of Lot 7; thence N64°19'30"W, 68.55 feet, to a point on the east line Lot 17 Block 1; thence N64°19'30"W, 275.00 feet, to a point on the east line of Lot 17 Block 2; thence N25°40'30"E, 9.88 feet to the Northwest corner of Lot 17, thence N25°40'30"E, 250.00 feet to the Northwest corner of Lot 18, thence N04°43'00"W, 1032.61 feet along the west sides of Lots 19, 20, 21, 22 and 23 Block 1 to the northwest corner of Lot 23; thence along the north line of lot 23, N85°17'00"E, 456.86 feet to the northeast corner of lot 23; thence N85°17'00"E, 60.00 feet to the northwest corner of Lot 3 Block 2 of said subdivision; thence N85°17'00"E, 630.18 feet to the point of beginning, containing 39.80 acres more or less.

Exhibit D

MINING PLAN

Unless specifically discussed below the methods described in the 1976 mining plans and Technical Revisions filed in 1983 and 1991 will remain unchanged. The current bond is for \$15,400 and a new reclamation cost estimate is presented in Exhibit L on page 21 of this application. Existing sloping, grading and shaping plans will apply to the new area since they are similar to the area now in the permit. The following changes to the mining plan are numbered sequentially to give some order to this amendment. We currently have a well permit for each lake shown on the 1976 maps. We will revise our well permit to include the new lakes prior to mining commencing in each respective lake. ✓

AMENDMENT 1 - Acreage added to Permit


This section describes the changes in area made to the permit. This amendment adds 39.80 acres to the permit area that adjoins the existing permit area in the southwest corner.

We have created three new maps that show the entire permit area. The green outline is the new area and the yellow outline is the existing permit area. In the existing permit area, the Pre-Mining (Current Conditions) Map shows approximately how the site looks now. This was carried to the Mining Plan Map showing how we feel the site will look when mining progresses into the new area. There will still be areas in the existing lakes that need to be mined to total depth. The Reclamation Plan shows how we feel the site will look when mining is complete. Note that the existing area looks like the maps currently on file. Also, only the amendment area has been colored where appropriate.

In 1998 we purchased a parcel of land west of our current site from E.E. Sonnenberg & Sons. It was an old feedlot that operated into the early 1970's by that company and covered 100+ acres. When the feedlot was closed Sonnenberg subdivided the site into 26 lots of various sizes intending to develop it into an industrial area. This addition will involve mining parts of 12 of the 26 lots in this subdivision. The remaining lots will serve as buffer zone along the south, west and north sides where some development has take place.

This site has little soil, since when the feedlot closed the area was stripped to the subsoil sand surface to remove the accumulated manure. There is a heavy covering of weeds over the entire site with sparse grass growing in isolated spots. The original owners made no attempt to seed the area when they cleaned it up and it was left with no soil to speak of. For many years there was no vegetation on it at all. Since they planned to create an industrial area this was not unusual and development would have solved the problem. The southeastern quadrant was covered with a large amount of broken concrete and asphalt dumped prior to Sterling Redi-Mix acquiring the property. This material has been cleaned up and recycled for road building materials. There are two small stockpiles of material on the site at this time. We may also chose to import inert fill as defined in

Colorado Department of Health regulations, for reclamation purposes.

There are two power lines bisecting the site from north to south. The western most line will remain during mining and will serve as the separation line for the two new lakes. Pole distances are such that we will not be able to mine material from between them. We will maintain a 25 foot setback on each side of the centerline of the poles to allow access and protect them from mining. There are no specific R.O.W. widths listed in the deed and we will be working with the Public Service Company (west line) and Highline Electric Association (H.E.A.) (east line), to allow mining within 200 feet of the lines. We are working with H.E.A. to relocate the east line in the future. Once we have an agreement with them it will be submitted to the Division. 

Two new lakes will be created on the new area and mining will begin on West Lake, first, using the methods described in the approved Mining Plan. All setbacks around the site in the new area will be 25 feet from the permit line to the dig line. This area will provide access around the lakes created by mining.

According to the NRCS report in Exhibits I/J there is very little topsoil on this area. It is possible that we can salvage enough to place 6 inches on the above water areas. If we encounter topsoil or growth medium we will store it on the setback areas for use in reclamation. If the stockpiles remains undisturbed for more than a year we will cover seed the piles with 3 pounds PLS of Western Wheatgrass per 200 square feet to prevent erosion. The piles will be within 500 feet of the seedbed to reduce the haul distance. As mining progresses thru the stage and additional stripping has to be done the material will either be stockpiled for later use or moved directly to the areas needing resoiling.

We expect to start on the northern end of West Lake and mine counter clock wise around the new area creating two lakes as the material is removed. Once mining ends in West Lake a new area in East Lake will be opened and mining will work to the north. Processing will take place in the plant site area now located on the south end of Lake Marjorie as shown on Map Exhibit C. Once mining is done on the new area we will return to the Plant Site area in Lake Marjorie and remove the remaining material in that area. This is intended as an estimate of the direction of mining only and may change as the actual mining takes place on any given area. The direction mining takes place in each lake will depend on the nature of the deposit and/or the physical conditions found at the time mining begins in that area.

The depth of the gravel is 40 to 60 feet deep in this area but only the upper 40 feet will be mined as shown on the maps. The estimated direction of mining in each stage is shown as a series of arrows on the Mining Plan Map.

Mining will begin in each area by stripping overburden, if any, from an area large enough to begin mining. In this striped area a shallow lake will be created so the dredge can be floated and mining will begin. An explanation of how mining is done on this site can be found in the Mining Plan text in the 1976 application packet. The slopes will be created as mining progresses around the lake perimeter. Waste sand is used to rebuild the slopes with the dredge each time mining on the site ends. This will reduce the amount of backfilling work needed at any one time. Please see Map Exhibit C-1 for how a stage may look as mining progresses through it. Mining will still continue simultaneously in the existing lake areas depending on the type of material needed by our company.

We will have no more than 1200 feet of above water slope needing backfilling at any time. The working face is at its maximum width in East Lake where it will be 625 feet long. We have found that as the area is dredged the sand tends to sough off the working face leaving a stabile slope of 2h to 1v which needed little work when mining ends. No additional setback will be needed around the perimeter of the mined area because we do not use a cut/fill method of slope creation. It is impractical to use this method because of the sandy nature of the material being mined. We use the dredge to place sand in the bank areas as mining stops each year to further stabilize them and the above water slopes are then graded using a blade to prepare the seedbed.

AMENDMENT 2 - Mining sequence change

In the current plan we were to mine in Lake Marjorie first and move to Lake Robert. However as explained in the Technical Revisions we had exhausted our supply of rock from Lake Marjorie and moved to Lake Robert while still removing sand from Lake Marjorie. We have now reached the same problem with Lake Robert, and while there is still a lot of material in the old mine area, it is sand and we need a supply of course rock. We will get it from the West Lake area while still removing sand from the existing lakes to supplement the new areas. This can be done because our operating method will not create a larger disturbed area on the old areas. Removing sand from an existing lake area only deepens the lake and does not create area needing reclamation.

Basically, mining will begin in the new area once all permits are obtained, by opening a limited amount of area in West Lake and moving to East Lake when mining ends in West Lake. Mining will end in Lake Marjorie once the new area is mined out.

AMENDMENT 3 - Revised Mining Timetable

PHASE	YEARS	ACRES		
		MINED	MINING 100%	SLOPE AREA
Lake Robert	3-5	17.27	8.28	8.99
Lake Marjorie	3-5	15.49	6.65	8.84
West Lake	7-10	13.87	4.08	9.79
East Lake	10-12	20.17	8.68	11.49
TOTALS		66.80	27.69	39.11

Exhibit E

RECLAMATION PLAN

There are no plans at this time to change the future use for the mined areas. The following amendments to the Reclamation Plan is numbered sequentially for the purposes described in the Mining Plan text. Currently the post mining land use is recreational and the new areas will have the same designation. The approved reclamation plans, including resoiling, revegetation methods and species, and tree planting will remain unchanged on the existing permit areas. We will use the revegetation and resoiling methods approved in the original application and the Technical Revisions, on the new areas. Review of the original maps will show how the existing permit area will be reclaimed. We have only included these areas to the new maps to provide continuity between the two areas. Note that only the newly added area is colored to avoid confusion in the future. The text below describes how the new area will differ from the existing areas and the maps show the areas to be reclaimed.

AMENDMENT 3 - Topsoil and revegetation for added areas.

The soils and vegetation on the new area is described in Exhibit I/J of this packet. As described in that report there is little growth medium on this area because of its past uses. We salvage what little growth medium is present to use on the above water slopes for revegetation. It may be difficult to establish vegetation on the new slope areas because of the lack of soil on the site.

The added area has no trees on it at this time, since it was used as feedlot. Review of the Reclamation Map (1976, 2000) show the tree plantings applicable to each mined area. No trees or shrubs will be planted on the new area as part of this reclamation plan. The landowners may wish to plant them at their risk, but the operator does not want the liability of having to have a certain number growing to complete final release on these new areas.

The approved seed mix, on page 8⁽¹⁹⁷⁶⁾, of the original application will be used around the new lake areas. The plan as described in that document will apply to the new area as well, with the exceptions noted above.

AMENDMENT 4 - Revised Reclamation Timetable

The Timetable reflects the areas shown on the new maps in this amendment.

PHASE	YEARS	ACRES ±							
		TOTAL	WATER	ROAD	REVEG	LAKE BOTTOM	BACK SLOPE BELOW WATER	DITCH AREA*	ASPHALT PLANT**
Lake Marjorie	4-6	23.83	19.89	0.00	6.94	8.28	8.61	1.02	2.47
Lake Robert	4-6	22.72	15.00	0.00	7.72	6.65	8.35	1.02	0.00
West Lake	4-6	15.99	12.21	0.99	2.79	4.08	8.11	0.00	0.00
East Lake	4-6	23.81	18.24	0.08	5.49	8.68	9.53	0.00	0.00
TOTALS		86.35	65.34	1.07	22.94	27.69	34.60	2.04	2.47

* Ditch area in old area will not be disturbed.

** Asphalt Plant is not in permit area

Exhibit G

WATER INFORMATION.

At this time we have valid adjudicated well permit on the lakes covered by the current plan. The 2 lakes to be created in the existing plan are covered by a Temporary water supply plan approved by the State engineer. Minor Revisions will be necessary to the permit since we are increasing the amount of lake area when mining is complete. Our current Temporary Supply plan is adequate cover the amount of water to be exposed for the time being but we will need to make revisions as mining progresses. Other water issues remain unchanged from what was discussed in the original application and Technical Revisions.

Exhibit H

WILDLIFE INFORMATION

A new Wildlife Statement is provided to replace the original in the existing permit. We wish to thank Mr. Shawn Briggs the Area 3 Habitat Biologist for the time he spent preparing this report for our use. His two page report follows this page.

COLORADO DIVISION OF WILDLIFE

MINED LAND WILDLIFE STATEMENT/EVALUATION *for limited impact and select regular mine applications*

The following information pertaining to wildlife is provided for use by the Colorado Division of Minerals and Geology in their consideration of a mining permit for:

1. Name and type of mine: Sterling Redi-Mix Concrete, Riverside Pit # M-76-056
Sand and Gravel Mine
2. Location of mine: Parts of Section 28 and 33, T.8N., R. 52 W., Logan County, CO
3. Wildlife Species list:

There are several hundred vertebrate wildlife species known to inhabit the lowland riparian habitats found along the South Platte River. Even though this site is not considered part of the riparian corridor, and habitat values have been significantly diminished by past developments, a number of those species would also occur on the project area. A list of wildlife species most likely found on the site would include: Mule Deer, White-tailed Deer, Cottontail Rabbit, Fox Squirrel, Coyote, Striped Skunk, Raccoon, Red Fox, Deer Mouse, Western Meadowlark, Mourning Dove, Northern Bobwhite, Ring-necked Pheasant, Northern Harrier, American Kestrel, Bull Snake, Lesser Earless Lizard, Six-lined Racerunner, Plains Garter Snake, and Woodhouse's Toad

4. Endangered/critical species impacted:

There are no known State or Federal endangered or threatened species inhabiting the project area.

5. Critical habitats/vegetative communities impacted:

The site has no significant habitat values or plant communities. The dominant vegetation found at the site is composed of annual weeds as a result of soil disturbance from development activities.

6. Assessment of impact:

The project area is part of an industrial subdivision within the City of Sterling. It was once was the site of a feedlot operation and more recently a broken concrete storage area. Due to the poor condition of the site, there will be minimal impacts to existing wildlife habitat or to local wildlife populations. Excavation of sand and gravel will remove the existing vegetation on a portion of the area and expose ground water. As a result the area will be unsuitable habitat for many of the species occurring there now. However, these new open water habitats and their associated uplands have the potential of providing habitat for a larger number of species that are associated with wetland habitats.

7. Mine Reclamation recommendations :

Evaluate potential to incorporate wildlife considerations in mining plans in order to maximize the long-

term benefits for aquatic and terrestrial wildlife species. Revegetate the site with native plant species which provide the best wildlife values for the site.

8. Other comments:

This project provides an opportunity to enhance the site for many wildlife species. The creation of new ponds will be advantageous to wildlife even without any further considerations. The adjacent ponds Lake Marjore and Lake Roberts demonstrate this. However, significant benefits may be realized with fairly minor alterations in design plans. Examples may be things like creating islands, designing irregular shoreline configurations, providing variable water depths- especially shallow areas which provide for growth of aquatic plants, and planting species which benefit wildlife on upland sites. Colorado Division of Wildlife aquatic and terrestrial biologists would be happy to discuss the wildlife potentials of this project if there is interest.

Prepared by: Shane L. Briggs



Area 3 Habitat Biologist

*This statement is void if not processed within 1 year.
This analysis does not constitute approval of the application.*

revised 7/98

Exhibit I

SOILS

The soils found on the new area is described in the following document supplied by the NRCS Sterling Field Office. We wish to thank Ms. Dawn Jackson of that office for supplying this information. There is adequate soil on these areas to provide soil on the above water areas around the mined area.

The soils are consistent with those described in the original application text. This area has Alda loam (3) and Fluvaquents (29) soils on it as described on the Soils and Current Vegetation Map page 28⁽¹⁹⁷⁶⁾ of the original application.

These descriptions are consistent with the soil found on the new area. It is important to remember that this site was once part of an old feed lot so little topsoil exists. The NRCS reports indicates there is an average of 5 inches of soil available, our own observations indicate there is from 0 to 5 inches with there being no topsoil in the south east quadrant of the site where the old concrete was piled. Using an average of 3.5 inches we may be able to salvage enough soil to replace it on the above water areas at a rate of 6 inches as committed to in the original plan.

Exhibit J

VEGETATION

The newly added areas are vacant and have no specific uses. The vegetation growing on the site is of very low quality consisting mostly of weeds and Sandreed grass. The narrative on page 31⁽¹⁹⁷⁶⁾ has been supplemented with the site specific information prepared by the NRCS in March 2000. The west area has less ground cover than the original area and the NRCS has made a minor change in the seed mix they suggest for the site. We will keep the originally approved seed mix since the only difference is two species and we have had success using the approved mix. Some of the descriptions in the original application apply to the new site as well. ✓



Soils and Vegetation Study
Sterling Redi-Mix Company Pit

Soil types and properties: The soils that occur on this site are Alda loam (soil symbol #3) and fluvaquent soils (soil symbol #29). Please see the attached soils map. The Alda loam is a deep, somewhat poorly drained soil that occurs on terraces and bottomlands. Slopes are nearly level. The fluvaquents soils are deep, nearly level soils occurring along the South Platte River Basin. These units are extremely variable from place to place, and are subject to frequent flooding during spring and summer months. The fluvaquents are classified as hydric soils, and Alda loam soils have the potential to be hydric. It is recommended that you contact the Army Corps of Engineers (ACOE) to determine if a Nationwide Permit will be needed on this site. The ACOE contacts for this area are Terry McKee or Rex Fletcher at (303) 979-4120.

Depth of topsoil/growth medium: Topsoil depth across the site varies from 2-10 inches. The areas of fluvaquent soils have a shallow topsoil depth of 2-4 inches. The depth of topsoil over the Alda loam soil ranges from approximately 6-10 inches.

Types of vegetation: The vegetation present on the site consists of annual weeds and grasses. The predominant species include wild sunflowers, kochia, and sand reedgrasses. Estimated vegetative cover at this time is estimated to be 20%.

Seeding recommendation: The following grasses are recommended for seeding on this site:

Change from 76

<u>Species</u>	<u>Variety</u>	<u>100% PLS rate/acre</u>	<u>% of species in mix</u>	<u>PLS #/acre</u>
• Sand bluestem	Elida, Woodward	8.0	20	1.6
• Switchgrass	Grenville, NE28	2.5	20	0.5
• Indiangrass <i>N</i>	Llano, Holt	5.0	20	1.0
• Prairie cordgrass <i>N</i>	Not stated	0.5	20	0.1
• Western wheatgrass	Arriba, Barton	8.0	20	1.6

You may also consider planting willow cuttings on the site during the reclamation process. This would be especially successful along the east edge of the site.

*See pg 16
how does this mix
differ from approved
current mix?*



Natural Resources
Conservation
Service
(NRCS)

Sterling Field Office
1607 Pheasant Ridge
Sterling, CO 80751-4721

Telephone: 970-522-7554

<http://www.co.nrcs.usda.gov>

Fax: 970 522-3528

March 22, 2000

Stevan L. O'Brian
Environment, Inc.
7985 Vance Drive, Suite 205A
Arvada, Colorado 80003

Dear Mr. O'Brian:

Enclosed is a soils and vegetation study for the piece of property located in Logan County approximately 0.5 miles east of Sterling on the old Sonnenberg feedlot operated by Sterling Redi-Mix Company. A soils map has also been attached for your use/information.

Please note that there is a high potential for hydric soils on this site. It is recommended that you contact the Army Corps of Engineers to determine if a Nationwide Permit will be needed. The contacts for this area are Terry McKee or Rex Fletcher at (303) 979-4120. If a permit is not required, it is further recommended that you obtain a "No Permit Needed" letter from the Army Corps of Engineers for your records.

Please also note the contact point for the Natural Resources Conservation Service office as Dawn Jackson, 1607 Pheasant Ridge, Sterling, Colorado 80751. The Mr. Mike Thayer that you sent this request to is employed by the Farm Service Agency.

Please give me a call if you have any questions or need additional information.

Sincerely,


Dawn Jackson
District Conservationist

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MAR 24 2000

ENVIRONMENT INC.

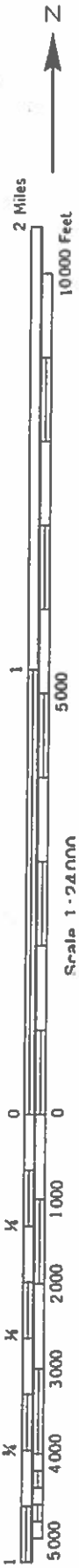
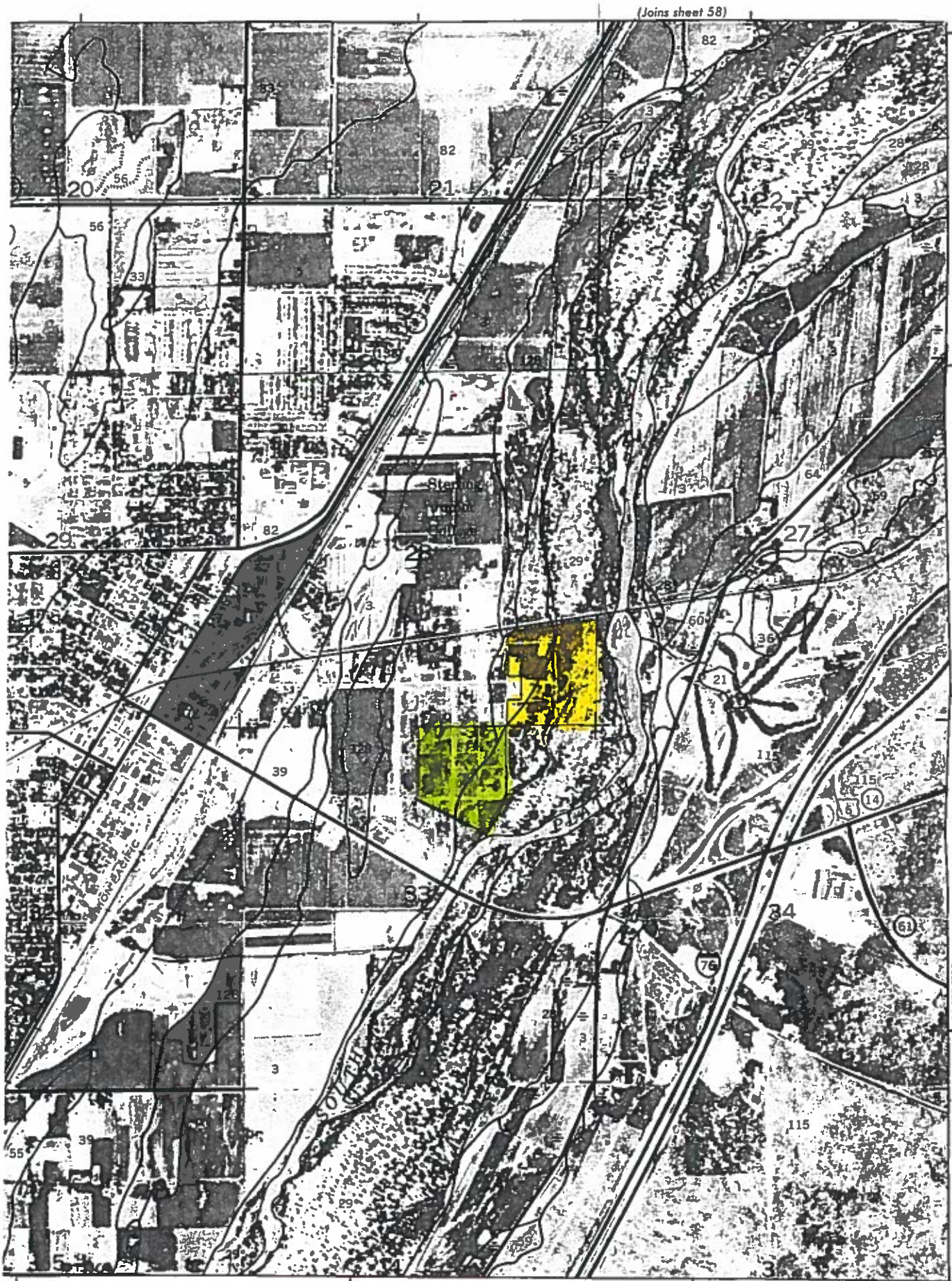


EXHIBIT K

CLIMATE

This information was downloaded from the Climatology Database at Colorado State University. The average Daily temperature is 49.8 degrees and the average precipitations amount is 16.72 inches per year. Sterling is the closest data collection station to this property. Data is for years 1977-1997 (most recent available) Latitude - 40°37' Longitude - 103°12' Elevation - 3940'

Monthly mean temperature.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1977	20.5	36.0	37.4	51.3	62.7	74.0	77.2I	72.0I	66.5	51.6	36.9	29.6	51.3
1978	18.5	22.9	40.5	50.6	56.3	69.2	76.7I	M	62.8	47.8I	32.2	15.6I	
1979	13.1	28.4	39.9I	48.7	55.2	67.2I	74.1I	68.9I	64.6	51.9	29.6	27.2I	47.4
1980	20.3	29.5I	33.5I	46.4	57.4I	70.9I	77.6	72.3I	62.7I	47.7	37.6I	34.7I	49.2
1981	31.2	30.3	37.7	52.7	52.5I	69.2I	73.2I	69.3I	64.3	49.4I	39.9	29.8	50.0
1982	23.0	27.0	37.8	45.0	55.3	62.6	73.2	73.2	62.3	49.0	33.8	30.6	47.7
1983	31.2	38.0	38.1	42.5	53.4	63.6	74.0	77.3	65.2	52.2	37.8	12.1	48.8
1984	19.0	31.2	36.4	41.4	58.4	66.3	74.5	75.1	60.7	47.1	38.7	28.7I	48.1
1985	23.7	23.3	43.1	M	61.5	66.4	74.7	72.1	59.7	48.0	26.0	19.6	
1986	27.6	29.9	45.6	50.1	55.9	71.1	74.7	72.1	62.3	50.4	36.7	26.3	50.2
1987	30.3	37.8	33.2	51.9	61.9	71.2	75.9	71.6	63.3	51.4	39.9	27.6	51.3
1988	17.3	29.3	39.2	48.6	60.4	75.0	75.8	76.4	63.1	53.0	41.0	29.5	50.7
1989	30.5	22.1	41.0	51.0	61.6	67.1	M	72.9	62.3I	50.9	40.6I	25.1I	
1990	30.2	28.0	40.7I	50.4	56.7I	74.7	73.3	72.4	67.9	50.5	40.8	20.9	50.5
1991	24.6	39.1I	41.1	49.4	61.6I	71.6	75.4	74.0	64.8I	50.6	33.8I	31.6	51.5
1992	26.1I	39.1I	43.9	52.8I	62.8I	67.0	71.5I	70.1I	64.6I	52.6I	33.0I	17.2I	50.1
1993	19.5	22.6	40.8	48.0	60.3	67.4	72.7	72.0	59.4	49.8	32.8	30.2	48.0
1994	30.2	27.0	43.6	49.4	63.8	73.9	74.6	76.6	66.7	52.3	37.0	33.7	52.4
1995	26.6	36.5	40.0	44.4	52.2	66.6	75.5	78.0	63.9	49.4	40.1	M	
1996	25.2	33.3	36.5	49.6	58.2	70.5	73.7	72.3I	61.8	51.4	35.3	30.3	49.8
1997	25.4	32.2	41.6	43.7	57.7	69.8	75.2	71.9	65.7	50.8	36.0	29.1	49.9
Ave	24.5	30.6	39.6	48.4	58.4	69.3	74.7	73.0	63.6	50.4	36.2	26.5	49.8
Max	31.2	39.1	45.6	52.8	63.8	75.0	77.6	78.0	67.9	53.0	41.0	34.7	52.4
Year	1983+	1992+	1986	1992	1994	1988	1980	1995	1990	1988	1988	1980	1994
Min	13.1	22.1	33.2	41.4	52.2	62.6	71.5	68.9	59.4	47.1	26.0	12.1	47.4
Year	1979	1989	1987	1984	1995	1982	1992	1979	1993	1984	1985	1983	1979
Count	21	21	21	20	21	21	20	20	21	21	21	20	17

Total monthly precipitation.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1977	0.74	0.00	0.82	3.51	3.61	4.22	3.23	2.52	0.21	0.00	0.61	0.47	19.94
1978	1.27	0.92	0.20	0.95	3.17	4.02	0.74	1.33	0.08	0.65	0.5	0.37	13.75
1979	0.14	0.00	1.89	1.01	3.18	3.84	3.27	5.49	0.67	1.01	0.56	0.52	21.58
1980	0.93	0.26	1.07	0.77	3.09	2.20	4.36	0.69	0.32	0.03	0.20	0.22	14.14
1981	0.08	0.30	2.56I	2.42	3.92	4.20	4.53	0.87	0.22	1.01	0.13	0.04	20.28
1982	0.16	0.20	0.93I	0.54I	2.95	5.17	2.36I	1.72	0.99	0.5I	1.42	0.53	17.02
1983	0.00	0.01	2.20	1.62I	1.21	5.56	2.48I	2.02	0.85	0.42I	0.91	0.15	17.43
1984	0.21	0.08	3.52	1.66	1.99	1.87	1.00	1.39	0.44	2.26	0.09	0.15I	14.66
1985	0.46I	0.0I	0.38	M	3.20	3.61	3.76I	0.57	1.55	0.37	1.60	0.80	
1986	0.05	1.05	0.50	3.41	2.93	2.72	1.12	0.79	0.93	1.46	0.27	0.58	15.81
1987	0.19	1.18	0.89	0.39	6.44	3.56	2.19	2.84	0.33	0.33	0.99	0.87	20.20
1988	0.55	0.09	1.22	1.28	5.56	1.59	2.25	0.73	1.08	0.00	0.11	0.22	14.68
1989	0.46	0.31I	0.38	0.69	1.05	3.51	M	2.94	1.38I	0.11	0.00	0.23	
1990	0.09	0.05	2.40	1.55	1.86	0.92	4.68	3.47	0.99	1.04	1.13	0.09	18.27
1991	0.29	0.11	0.65	0.17	2.87	2.04	1.30	2.02	2.28	0.58	1.21	0.00	13.52
1992	0.95	0.33I	1.65	0.41	0.51	8.26	1.62	2.06	1.95	0.70	0.74	0.39	19.57
1993	0.24I	1.24	0.63	1.11	1.51	2.04	1.60	1.96	1.10	2.42	0.90	0.21	14.96
1994	0.43	0.09	0.09	1.13	0.91	0.77	2.73	0.41	0.57	3.75	0.46	0.39	11.73
1995	0.40	0.20	0.15I	0.92	3.00	5.23	1.12	0.87	3.00	1.75	1.78	M	
1996	0.88	0.00	0.67	0.50	3.15	2.44	2.12	2.04I	2.86	0.00I	M	0.00	
1997	0.37	M	0.30	0.71	3.58	4.39	2.52I	2.44	M	M	0.00	0.40I	
Ave	0.42	0.32	1.10	1.24	2.84	3.44	2.45	1.87	1.09	0.90	0.66	0.33	16.72
Max	1.27	1.24	3.52	3.51	6.44	8.26	4.68	5.49	3.00	3.75	1.78	0.87	21.58
Year	1978	1993	1984	1977	1987	1992	1990	1979	1995	1994	1995	1987	1979
Min	0.00	0.00	0.09	0.17	0.51	0.77	0.74	0.41	0.08	0.00	0.00	0.00	11.73
Year	1983	1996+	1994	1991	1992	1994	1978	1994	1978	1996+	1997+	1996+	1994
Count	21	20	21	20	21	21	20	21	20	20	20	20	16

EXHIBIT L

RECLAMATION COSTS

This reclamation cost estimate is based on the assumption that there will be no more than 30.00 acres \pm needing resoiling and revegetation at any one time. No dewatering is needed since the underwater slopes are created as mining progresses by placing excess sand along the mined slopes. The following information portray a worse case scenario, when it would be most expensive to reclaim the site. This happens when mining has moved to West Lake and some material is still being mined in the existing pit area. The method used to revegetate the lake perimeter will remain as currently permitted. Tree planting required in the existing areas are complete. This is an attempt to set the bond so there is flexibility to operate without reevaluating the bond yearly.

According to our scenario, we will have to respread 23,570 cubic yards of soil and revegetate 29.22 ac. \pm . The table below outlines the various areas of disturbance, at that time. The amount of soil that will be re-spread is based on an average of 6 inches. Our cost estimate to do all of the shaping is based on using a 140G blade for seed bed preparation & ripping and a 631B scraper for resoiling, but the actual equipment used by the permittee may differ. The revegetation cost figure includes grass seed, mulch, chemical fertilizer (ammonium nitrate & superphosphate) drilling costs and mulch crimping.

RECLAMATION ACTIVITY	LAKE AREAS (ac.)			TOTALS
	Marjorie	Robert	West	Acres
RESOIL	15.12	6.40	7.70	29.22
REVEGETATE	15.12	6.40	7.70	29.22
ABOVE WATER SHAPING	15.12	6.40	7.70	29.22
LAKE AREA	7.59	11.20	5.05	23.84
DITCH AREA	1.02	1.02	0.00	2.04

ESTIMATED UNIT COSTS FOR RECLAMATION ITEMS:

	<u>Unit Cost</u>
1. Revegetation includes grass seed mix, mulch, fertilizer and mulch crimping	\$332.45/ac
2. Re-spreading soil and/or growth media with 631B cat scraper ^{2/} , push distance 500 ft or less	6" / 28,674 yd ³ / acre x 29.22 = 3 0.40/YD ³ 1/ 23,580 yd ³ acre
3. Seed bed preparation 140G cat blade ^{2/} , 1.3 acres per hour	\$56.44/YD ³ 1/
4. Plant site ripping 140G cat blade w/ripper ^{2/} , 1.5 acres per hour	\$48.92/YD ³ 1/ acre

RECLAMATION COSTS

1. Revegetation, 29.22 ac @ \$332.45/ac	\$9,714.19
2. Resoiling, haul distance less than 500 ft., (23,570 yd ³ x 1.12 swell) @ \$0.40/yd ³	9,536.28
3. Seedbed preparation (29.22 ac x @ \$56.44/ac	1,649.21
4. Plant site ripping 8.00 ac @ \$48.92/ac.	391.33
5. Secondary Revegetation @30 of total area.	2,914.26
Net Total	\$ 24,205.27
8. Indirect costs	
Mobilization (haul 10 miles one way)	2,418.17
Insurance, Bond, & Profit	3,031.71
9. Administration costs	1,210.26
TOTAL ESTIMATE	<u>\$30,865.41</u>

RECOMMEND BOND BE SET AT \$31,000.00

- 1/ Figured using Cat Handbook and rental costs from local sources for 83% efficiency, 140G blade for eastern Colorado.
- 2/ This equipment is for cost estimating only and the actual equipment used by the permittee may vary.
- 3/ Figured using Cat Handbook and rental costs from local sources for 83% efficiency, 631B scraper, for eastern Colorado.

Exhibit M

OTHER PERMIT AND LICENSES

1. An Air Pollution permit is not needed for this pit since less than 70,000 tons of material is mined each year.
2. We are working with the City of Sterling to obtain the necessary permit from the local Government.
3. This is an open pit operation and ground water will be exposed. We have a temporary water supply plan approved for the existing lakes. It will be revised to added the new lake areas prior to mining the new areas not covered by the well permit.
4. A dredge fill permit (404) is not required because there will be no backfilling into waters of the U.S. on this site.
5. A Storm Water Management Plan (SWMP) has been prepared for this pit, but since surface water dose not leave the site we do not need a discharge permit. The SWMP will be revised to include the new area.

SOURCE OF LEGAL RIGHT TO ENTER

STATE OF COLORADO)
) ss AFFIDAVIT
 COUNTY OF LOGAN)

William G. Lauer, being first duly sworn upon oath, deposes and says:

1. He is the President of *Sterling Redi-Mix Company* the operator of the Riverside Pit and is empowered to act for and on behalf of the company in all respects in connection with any applications, petitions, contracts, correspondence, bonds or activities with or before the Colorado Mined Land Reclamation Board under the provisions of the Colorado Mined Land Reclamation Act.

2. The surface and mineral rights in and to the property known as the Riverside Pit are owned by *Sterling Redi-Mix Company*.

3. The *Sterling Redi-Mix Company* is legally empowered to enter upon the subject lands and to conduct mining operations for construction and decorative rock and other auxiliary uses.

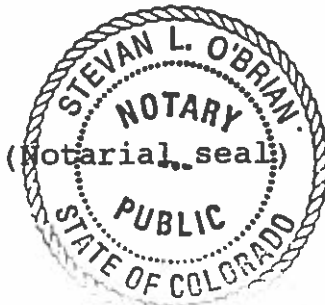


William G. Lauer

SUBSCRIBED and sworn to before me this 2ND
 day of August, 2000, by William
 G. Lauer, as President of *Sterling Redi-Mix*
Company.



Notary Public



My commission expires:

10/18/2001

Exhibit O

OWNERS OF RECORD

Owners of Substance to be mined

Sterling Redi-Mix Company
P.O. Box 1908
Sterling CO, CO 80751

Landowners within 200 feet

Lowline Ditch Company
Sterling CO, CO 80751

Robert & Marjorie McAtee
609 Elmwood, St.
Sterling CO, CO 80751

Stephen E & Betty J O'Neal
1014 Glenora St.
Sterling CO, 80751

Landmark Construction CO.
150 Edwards Ave.
Sterling CO, 80751

Hurst Construction Co.
P.O. Box 630
Sterling CO, 80751

Doris L. & Rex Mohanan
111 Third Street
Sterling, CO 80751

Right of Ways on the Affected Lands

Public Service Company of Colorado
1225 17th Street
Denver, CO 80202

Highline Electric Assoc.
16107 Hwy 14
Sterling, Co 80751

Exhibit P

MUNICIPALITIES WITHIN TWO MILES

City of Sterling
421 N. 4th Street
Sterling, CO 80751

Exhibit Q - Notices and Proof of Mailing for City, Board of County Commissioners and Soil Conservation District

**NOTICE OF FILING
FOR COLORADO MINED LAND RECLAMATION PERMIT
FOR AN AMENDMENT TO A REGULAR (112) CONSTRUCTION
MATERIALS EXTRACTION OPERATIONS NOTICE TO THE
BOARD OF COUNTY COMMISSIONERS
LOGAN COUNTY**

Sterling Redi-Mix Company (the "Applicant/Operator") has applied for an amendment to a regular (112) reclamation permit from the Colorado Mined Land Reclamation Board ("the Board") to conduct a construction materials mining operation in Logan County known as the Riverside Pit. The attached information is being provided to notify you of the location and nature of the proposed operation. The entire application is on file with the Colorado Mined Land Reclamation Division ("the Division") and the Logan County Clerk and Records office at 508 S. 10th Ave., Sterling, CO 80751.

The applicant proposes to reclaim the land to a private recreation area. Pursuant to C.R.S. 34-32.5-116(4)(m), C.R.S., the Board may confer with the local Board of County Commissioners before approving the post-mining land use. Accordingly, the Board would appreciate your comments on the proposed operation. Please note that, in order to preserve your right to a hearing before the Board on this application, you must submit written comments to the application within twenty (20) days of the date of last publication notice pursuant to Section 34-32.5-112(10), C.R.S.

If you would like to discuss the proposed post-mining land use, or any other issue regarding this application, please contact Division of Minerals and Geology, 1313 Sherman St., Room 215, Denver, CO 80203, (303) 866-3567.

Sterling Redi-Mix Company
(Date)

Hand Delivered

Exhibit Q (cont) - Notices and Proof of Mailing to City, Board of County Commissioners and Soil Conservation District

NOTICE OF FILING
FOR COLORADO MINED LAND RECLAMATION PERMIT
FOR AN AMENDMENT TO A REGULAR (112) CONSTRUCTION
MATERIALS EXTRACTION OPERATIONS NOTICE TO THE
BOARD OF THE SOIL CONSERVATION DISTRICT
Centennial Office

Sterling Redi-Mix Company (the "Applicant/Operator") has applied for an amendment to a regular (112) reclamation permit from the Colorado Mined Land Reclamation Board ("the Board") to conduct a construction materials mining operation in Logan County known as the Riverside Pit. The attached information is being provided to notify you of the location and nature of the proposed operation. The entire application is on file with the Colorado Mined Land Reclamation Division ("the Division") and the Logan County Clerk and Records office at 508 S. 10th Ave., Sterling, CO 80751.

The applicant proposes to reclaim the land to a private recreation area. Pursuant to C.R.S. 34-32.5-116(4)(m), C.R.S., the Board may confer with the local Board of the Soil Conservation District before approving the post-mining land use. Accordingly, the Board would appreciate your comments on the proposed operation. Please note that, in order to preserve your right to a hearing before the Board on this application, you must submit written comments to the application within twenty (20) days of the date of last publication notice pursuant to Section 34-32.5-112(10), C.R.S.

If you would like to discuss the proposed post-mining land use, or any other issue regarding this application, please contact Division of Minerals and Geology, 1313 Sherman St., Room 215, Denver, CO 80203, (303) 866-3567.

Sterling Redi-Mix Company
(Date)

Hand Delivered

STERLING REDI-MIX COMPANY
PROOF OF NOTICE
CERTIFIED RETURN RECEIPTS
August 25, 2000

RIVERSIDE PIT
PERMIT # M-1976-056

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.		<p>A. Received by (Please Print Clearly) B. Date of Delivery</p> <p>C. Signature <input type="checkbox"/> Agent <i>Julie Lwely</i> <input type="checkbox"/> Addressee</p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No <i>315 MAIN</i></p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
1. Article Addressed to: Logan County Board of County Commissioners Logan County Courthouse 508 S. 10th Ave. Sterling, Colorado 80751			
2. Article Number (Copy from service label)		7000 0520 0022 4915 0407	
PS Form 3811, July 1999		Domestic Return Receipt 102595-00-M-0952	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.		<p>A. Received by (Please Print Clearly) B. Date of Delivery <i>Lore J. J. J. J.</i></p> <p>C. Signature <input type="checkbox"/> Agent <i>Lore J. J. J. J.</i> <input type="checkbox"/> Addressee</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
1. Article Addressed to: Centennial SCD c/o Duane Bunkhardt 1607 Pheasant Ridge Sterling, CO 80751			
2. Article Number (Copy from service label)		7099 3220 0003 7653 9407	
PS Form 3811, July 1999		Domestic Return Receipt 102595-00-M-0952	

Exhibit Q (cont) - Notices and Proof of Mailing to City, Board of County Commissioners and Soil Conservation District

NOTICE OF FILING
FOR COLORADO MINED LAND RECLAMATION PERMIT
FOR AN AMENDMENT TO A REGULAR (112) CONSTRUCTION
MATERIALS EXTRACTION OPERATIONS NOTICE TO THE
STERLING CITY COUNCIL

Sterling Redi-Mix Company (the "Applicant/Operator") has applied for an amendment to a regular (112) reclamation permit from the Colorado Mined Land Reclamation Board ("the Board") to conduct a construction materials mining operation in Logan County known as the Riverside Pit. The attached information is being provided to notify you of the location and nature of the proposed operation. The entire application is on file with the Colorado Mined Land Reclamation Division ("the Division") and the Logan County Clerk and Records office at 508 S. 10th Ave., Sterling, CO 80751.

The applicant proposes to reclaim the land to a private recreation area. Pursuant to C.R.S. 34-32.5-116(4)(m), C.R.S., the Board may confer with the local City Council before approving the post-mining land use. Accordingly, the Board would appreciate your comments on the proposed operation. Please note that, in order to preserve your right to a hearing before the Board on this application, you must submit written comments to the application within twenty (20) days of the date of last publication notice pursuant to Section 34-32.5-112(10), C.R.S.

If you would like to discuss the proposed post-mining land use, or any other issue regarding this application, please contact Division of Minerals and Geology, 1313 Sherman St., Room 215, Denver, CO 80203, (303) 866-3567.

Sterling Redi-Mix Company
(Date)

Hand Delivered

STERLING REDI-MIX COMPANY
PROOF OF NOTICE
CERTIFIED RETURN RECEIPTS
August 25, 2000

RIVERSIDE PIT
PERMIT # M-1976-056

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Logan County Clerk and
Recorder
508 S. Tenth Street
Sterling, CO 80751

2. Article Number (Copy from service label)

7099 3220 0003 7653 9391 111

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

Tricia Stockbrand

C. Signature

X Tricia Stockbrand

☐ Agent
☒ Addressee

D. Is delivery address different from item 1? ☒ Yes

If YES, enter delivery address below: ☐ No

315 MAIN

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

City of Sterling
City Council
421 N. 4th Street.
Sterling, CO 80751

2. Article Number (Copy from service label)

7000 0520 0022 4915 0391

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

PINYAN

C. Signature

X Pinyan

☐ Agent
☒ Addressee

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

[Handwritten signature: Pinyan]

Environment, Inc.

LARRY E. O'BRIAN
FOUNDER

7985 VANCE DRIVE, SUITE 205A
ARVADA, COLORADO 80003
303-423-7297
FAX 303-423-7599

August 23, 2000

Centennial Soil Conservation District
c/o Duane Bunkhardt
1607 Pheasant Rdg.
Sterling, CO 80751

CERTIFIED RETURN
RECEIPT REQUESTED
ITEM # 7099 3220 0003 7653 9407

Dear Board Members;

Re: Application amendment for a
Mined Land Reclamation Permit

We are delivering to you here a Notice of Application and supporting documents for the amendment we are making to the Riverside Pit operated by Sterling Redi-Mix Company, pursuant to rule 2.2.2(1), Colorado Mined Land Reclamation Board - Mineral Rules and Regulations.

The return receipt card, when returned will provide proof that we delivered this packet to you.

Respectfully Submitted,
ENVIRONMENT, INC.



Stevan L. O'Brian
President

enclosure

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
Article Description: STERLING, CO 80751	
UNIT ID: 0108	ARVADA, CO 80003
Postage: \$0.55	Postage Due: \$1.40
Postage Due: \$1.25	Postage Due: \$3.20
Total Postage Due: \$5.00	
Name (Please Print Last, First, Middle Initial): C/o Duane Bunkhardt	
Street, Apt. #, Box, P.O. #, etc.: 1607 Pheasant Rdg.	
City, State, Zip: Sterling, CO 80751	
See Reverse for Instructions	

Environment, Inc.

LARRY E. O'BRIAN
FOUNDER

7905 VANCE DRIVE, SUITE 205A
ARVADA, COLORADO 80003
303-423-7297
FAX 303-423-7599

August 23, 2000

Logan County Clerk and Recorder
Logan County Courthouse
508 S. 10th Ave.
Sterling, Colorado 80751

CERTIFIED RETURN
RECEIPT REQUESTED
ITEM # 7099 3220 0003 7653 9391

Re: Amendment of a Mined
Land Reclamation Permit

Dear Sir/Madam:


We are delivering to you here with a copy of the application amendment for the Riverside Pit, an amendment to a Regular 112 Construction Materials permit, operated by Sterling Redi-Mix Company. Five copies of the application are on file with the Division of Minerals and Geology (DM&G).

This copy of the application is delivered to you pursuant to 34-32.5-112(9)(a), Colorado Revised Statutes 1995, as amended, which states in part:

....the applicant shall file a copy of such application for public inspection at the office of the County Clerk and Recorder of the County in which the affected land is located.

The return receipt card will serve as proof that we delivered this notice to you. Please date stamp it prior to placing it for public review so the public will know when you received it. Please hold the book for picked up after the application has been heard by the MLRB (approx. 160 days).

Yours truly,
Environment, Inc.


Stevan L. O'Brian
President

enclosure

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

STERLING, CO 80751
Sterling, Colorado

Postage \$

2.31

Certified Fee

1.40

1.25

Return Receipt Fee

(Endorsement Required)

Postage Delivery Fee

(Endorsement Required)

4.96

Total Postage & Fees

\$

Name (Please Print Clearly) (To be completed by mailer)

Logan County Clerk

Street, Apt. No.; or PO Box No.

508 S 10th Ave

City, State, ZIP+4

Sterling, CO 80751

PS Form 3800, July 1999

See Reverse for Instructions

Environment, Inc.

LARRY E. O'BRIAN
FOUNDER

7885 VANCE DRIVE, SUITE 205A
ARVADA, COLORADO 80003
303-423-7297
FAX 303-423-7599

August 23, 2000

City of Sterling
City Council
421 N. 4th Street
Sterling, CO 80751

CERTIFIED RETURN
RECEIPT REQUESTED
ITEM # 7000 0520 0022 4915 0391

Dear Council Members;

Re: Application amendment for a
Mined Land Reclamation Permit

We are delivering to you here a Notice of Application and supporting documents for the amendment we are making to the Riverside Pit operated by Sterling Redi-Mix Company, pursuant to rule 2.2.2(1), Colorado Mined Land Reclamation Board - Mineral Rules and Regulations.

The return receipt card, when returned will provide proof that we delivered this packet to you.

Respectfully Submitted,
ENVIRONMENT, INC.



Stevan L. O'Brian
President

enclosure

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
(Domestic Mail Only - No Insurance Coverage Provided)	
STERLING, CO 80751	
Sterling Riverside	
Postage	\$ 0.33
Contract Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	3.20
Total Postage & Fees	\$
UNIT ID: 0108	
ARVADA, CO 80003	
AIR 23	
Clerk: 28104C1	
08781005	
Recipient's Name (Please Print Clearly) (To be completed by mailer)	
Sterling City	
Street, Apt. No. or PO Box No.	
421 N 4th St	
City, State, ZIP	
Sterling, CO 80751	
PS Form 3800, January 2000	
See Reverse for Instructions	

Environment, Inc.

LARRY E. O'BRIAN
FOUNDER

7985 VANCE DRIVE, SUITE 205A
ARVADA, COLORADO 80003
303-423-7297
FAX 303-423-7599

August 23, 2000

Logan County Board of
County Commissioners
Logan County Courthouse
508 S. 10th Ave.
Sterling, Colorado 80751

CERTIFIED RETURN
RECEIPT REQUESTED
ITEM # 7000 0520 0022 4915 0407

Re: Application amendment for a
Mined Land Reclamation Permit

Dear Commissioners;

We are delivering to you here a Notice of Application and supporting documents for the amendment we are making to the Riverside Pit operated by Sterling Redi-Mix Company, pursuant to rule 2.2.2(1), Colorado Mined Land Reclamation Board - Mineral Rules and Regulations.

The return receipt card, when returned will provide proof that we delivered this packet to you.

Respectfully Submitted,
ENVIRONMENT, INC.



Stevan L. O'Brian
President

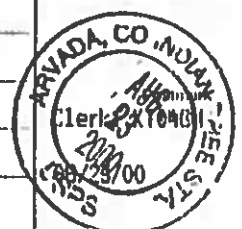
enclosure

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

STERLING, CO 80751

UNIT ID: 0108

Postage	\$ 0.55
Certified Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	3.20
Total Postage & Fees	\$



Recipient's Name (Please Print Clearly) (To be completed by mailer)

300
508 S 10th Ave
Sterling, CO 80751

See Reverse for Instructions

**Exhibit R - CLERK AND RECORDERS NOTICE AND PROOF OF
DELIVERY**

June 1999

Logan County Clerk and Recorder
Logan County Courthouse
508 S. 10th Ave.
Sterling, Colorado 80751

Re: Amendment of a Mined
Land Reclamation Permit

Dear Sir/Madam:

We are delivering to you here with a copy of the application amendment for the Riverside Pit, an amendment to a Regular 112 Construction Materials permit, operated by Sterling Redi-Mix Company. Five copies of the application are on file with the Division of Minerals and Geology (DM&G).

This copy of the application is delivered to you pursuant to 34-32.5-112(9)(a), Colorado Revised Statutes 1995, as amended, which states in part:

....the applicant shall file a copy of such application for public inspection at the office of the County Clerk and Recorder of the County in which the affected land is located.

Please acknowledge receipt of this copy of the amended permit application by signing in the appropriate space provided below and returning one copy of this letter to the person delivering the book. Please hold the book for pickup after the application has been heard by the MLRB (approx. 160 days)

Yours truly,
Environment, Inc.

Stevan L. O'Brian
President

enclosure

RECEIVED THIS ____ DAY OF _____, 2000
MLRB amendment application for the Riverside Pit.

By _____
Logan County Clerk and Recorder

Exhibit S

PERMANENT MAN-MADE STRUCTURES

The permanent and man-made structures around the newly added areas are shown on the map and listed below.

Sterling Redi-Mix, Co.

3 strand wire Fence - east

Lowline Ditch Company

Irrigation ditch

Public Service Company

High Voltage powerline

Highline Electric Association

High Voltage powerline

Landmark Construction Company

Chainlink fence - west side south portion

NOTICE

This site is the location of a proposed construction materials operation. Sterling Redi-Mix Company, whose address and phone number is P.O. Box 1908, Sterling, CO 80751 (970) 522-0651, has applied for an amendment to a Regular 112 Reclamation Permit with the Colorado Mined Land Reclamation Board. Anyone wishing to comment on the application may view the application at the Logan County Clerk and Records office, Logan County Courthouse, 508 S. 10th Ave., Sterling, Colorado 80751, and should send comments prior to the end of the public comment period to the Division of Minerals and Geology, 1313 Sherman St, Room 215, Denver, CO 80203.

certification

I, Wm. G. LAUER Hereby certify that I posted a sign containing the above notice for the proposed area known as Riverside Pit on 8/25/00.

Wm. G. Lauer
SIGNATURE

8/25/00
DATE

NOTICE

This site is the location of a proposed construction materials operation. Sterling Redi-Mix Company, whose address and phone number is P.O. Box 1908, Sterling, CO 80751 (970) 522-0651, has applied for an amendment to a Regular 112 Reclamation Permit with the Colorado Mined Land Reclamation Board. Anyone wishing to comment on the application may view the application at the Logan County Clerk and Records office, Logan County Courthouse, 508 S. 10th Ave., Sterling, Colorado 80751, and should send comments prior to the end of the public comment period to the Division of Minerals and Geology, 1313 Sherman St, Room 215, Denver, CO 80203.

certification

I, _____ Hereby certify that I posted a sign containing the above notice for the proposed area known as Riverside Pit on _____.

SIGNATURE

DATE

PUBLIC NOTICE

Sterling Redi-Mix Company has filed an amendment to and application for a Reclamation Permit with the Colorado Mined Land Reclamation Board under the provisions of the Colorado Mined Land Reclamation Act for the extraction of construction materials. The proposed mine is known as the Riverside Pit and is located in parts of Sections 28 and 33, Township 8 North, Range 52 West, 6th Principal Meridian, Logan County, Colorado.

The proposed date of commencement was 1976 and the proposed date of completion December 2020. The proposed future use of the land is private recreation.

Additional information and the tentative decision date may be obtained from the Mined Land Reclamation Division, 1313 Sherman St., Suite 215, Denver, CO 80203 (303) 866-3567, or at the Logan County Clerk and Records Office, Logan County Courthouse, 508 S. 10th Ave., Sterling, Colorado 80751, or the above named applicant.

Comments must be in writing and must be received by the Division of Minerals and Geology by 4:00 p.m. on (Date).

Please note that comments related to noise, truck traffic, hours of operation, visual impacts, effects on property values and other social or economic concerns are issues not subject to this Office's jurisdiction. These subjects and similar ones, are typically addressed by your local governments, rather than the Division of Minerals and Geology or the Mined Land Reclamation Board.

Sterling Redi-Mix Company
Sterling, Colorado

First Publication:
Second Publication:
Third Publication:
Last Publication:
Published in:

CERTIFICATE OF SECRETARY

I, Craig D. Johnson, Secretary of Sterling Redi-Mix Company, a Colorado corporation, certify that on the 2nd day of August, 2000, the Board of Directors of the corporation consented to the following resolution, pursuant to Section 7-4-122 of the Colorado Corporation Code. The following resolution was proposed, seconded and unanimously adopted by the Board.

RESOLVED, that William G. Lauer, President of the corporation, or Craig D. Johnson, Secretary of the corporation, or Jerry L. Rhea, Vice President of the corporation, are authorized to sign and execute for and on behalf of the corporation all applications, reclamation bonds, petitions, contracts, correspondence and any and all other documents to be submitted to and filed with the Mined Land Reclamation Board under the provisions of the Colorado Mined Land Reclamation Act, Colorado Revised Statutes 1995, Article 32; and

FURTHER RESOLVED, that William G. Lauer, President of the corporation, Craig D. Johnson, Secretary of the corporation, or Jerry L. Rhea, Vice President of the corporation, are authorized and empowered to represent and act for the corporation in any capacity in connection with any acts or activities with or before the Mined Land Reclamation Board under the provisions of the Colorado Mined Land Reclamation Act, and any action taken by William G. Lauer, President of the corporation, Craig D. Johnson, Secretary of the corporation, or Jerry L. Rhea, Vice President of the corporation, for and on behalf of the corporation shall in all respects be considered the act of the corporation; and

FURTHER RESOLVED, that William G. Lauer, President of the corporation, Craig D. Johnson, Secretary of the corporation, or Jerry L. Rhea, Vice President of the corporation, are authorized to sign and execute for and on behalf of the corporation all applications for zoning, rezoning, special use permits, conditional use permits, special exceptions and any other forms required by county or city government relating to the corporation's mineral extraction activities.

DATED this 7th day of August, 2000.

By:

Craig D. Johnson, Secretary of
Sterling Redi-Mix Company

SUBSCRIBED and SWORN to before me this 7th day of August, 2000, by Craig D. Johnson.

NOTARY EXP: 05/05/2004

Notary Public