

November 28, 2017

Jessica Lopez Pearce
Bureau of Land Management
Colorado River Valley Field Office
2300 River Frontage Rd.
Silt, CO 81652



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Rifle Quarry, Permit No. M-1985-038, Surety Reduction (SR-2), Approval Request

Dear Ms. Pearce:

On November 9, 2017 the Division inspected the above mentioned site to monitor reclamation progress. Staff recommended that the operator request a surety reduction request, since significant progress towards final reclamation has been completed. On November 27, 2017 the Division received the surety reduction request (SR-2) (enclosed). The request will decrease the bond from \$53,140.00 to \$10,752.72. Included with the request was a new bond estimate which included both direct and indirect cost. The Division feels this estimate is sufficient to cover the remaining reclamation liabilities. The Division would like to approve this request.

Per our memo of understanding prior to sending out approval notifications the Division needs a letter of concurrence from the Bureau of Land Management. Please submit a letter by Friday, January 19, 2018. If no comments are received then the Division will consider the request approved and notify the operator.

If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

Sincerely,

Amy Yeldell

Environmental Protection Specialist
Department of Natural Resources
Division of Reclamation, Mining and Safety
Phone: (970) 254-8511
Fax: (970) 241-1516

Ec: Russ Means, Senior EPS, Grand Junction DRMS
Clint Beck, Pete Lien & Sons, Inc.





COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources
1313 Sherman Street, Room 215
Denver, CO 80203

RECEIVED

NOV 27 2017

DIVISION OF RECLAMATION
MINING AND SAFETY

SR02

✓ Complied!

✓ 0 Violations:

ACY, GRM

REQUEST FOR FULL OR PARTIAL RELEASE OF PERMIT AREA/SURETY REDUCTION

Please indicate if you are requesting:

FULL/FINAL RELEASE OF ENTIRE PERMITTED AREA (per Rule 4.17)

☐

ACREAGE REDUCTION (PARTIAL RELEASE per Rule 4.17)

☐

I wish to release _____ acres at this time.

You will need to submit with this request: a map showing the acreage to be released from the current permit and updated mining and reclamation plan maps that will accurately depict the new permit boundary if the release is approved.

SURETY (Bond) REDUCTION (per Rule 4.14)

☒

If you are requesting a surety (bond) reduction you will need to include with this request a new estimate of the actual cost to reclaim the site based on what it would cost an independent contractor to complete reclamation, including unit costs for reclamation activities as appropriate to the operation to comply with the provisions of Rule 3.1 and the Permit's approved Reclamation Plan.

File No.: M -1985-038

Site Name: Rifle Quarry

County: Garfield

Permittee: Pete Lien & Sons, Inc.

Permittee Address: PO Box 440

(Street Address)

Rapid City

(City)

SD

(State)

57709

(Zip)



Permittee Representative: Clint Beck

Certified Mail # 7016 0910 0000 5705 5273

<u>Name</u>	<u>Address</u>	<u>Phone Number</u>
Mr. J. K. Smith	123 Main St., New York, N.Y.	212-555-1234
Ms. A. B. Jones	456 Oak Ave., Los Angeles, Calif.	213-555-5678
Mr. C. D. Brown	789 Pine Rd., Chicago, Ill.	312-555-9012
Ms. E. F. Green	101 Elm St., Houston, Texas	713-555-3456
Mr. G. H. White	202 Maple Dr., Phoenix, Ariz.	602-555-7890
Ms. I. J. Black	303 Cedar Ln., San Antonio, Texas	214-555-2345
Mr. K. L. Gray	404 Birch St., Dallas, Texas	214-555-6789
Ms. M. N. Blue	505 Spruce Ave., San Diego, Calif.	619-555-0123
Mr. O. P. Red	606 Willow Rd., Austin, Texas	512-555-4567
Ms. Q. R. Purple	707 Ash St., Fort Worth, Texas	817-555-8901
Mr. S. T. Gold	808 Hickory Dr., San Jose, Calif.	408-555-2345
Ms. U. V. Silver	909 Walnut Ave., San Francisco, Calif.	415-555-6789
Mr. W. X. Bronze	1010 Chestnut St., Oakland, Calif.	916-555-0123
Ms. Y. Z. Platinum	1111 Locust Rd., Albuquerque, N.M.	505-555-4567
Mr. A. B. Diamond	1212 Olive St., Denver, Colo.	303-555-8901
Ms. C. D. Ruby	1313 Poplar Ave., Nashville, Tenn.	615-555-2345
Mr. E. F. Sapphire	1414 Sycamore Dr., Portland, Ore.	503-555-6789
Ms. G. H. Emerald	1515 Magnolia St., Seattle, Wash.	206-555-0123
Mr. I. J. Garnet	1616 Dogwood Ln., San Francisco, Calif.	415-555-4567
Ms. K. L. Opal	1717 Redwood Ave., San Francisco, Calif.	415-555-8901
Mr. M. N. Amethyst	1818 Cypress Rd., San Francisco, Calif.	415-555-2345
Ms. O. P. Topaz	1919 Juniper St., San Francisco, Calif.	415-555-6789
Mr. Q. R. Peridot	2020 Fir Ave., San Francisco, Calif.	415-555-0123
Ms. S. T. Aquamarine	2121 Hemlock Dr., San Francisco, Calif.	415-555-4567
Mr. U. V. Citrine	2222 Cedar St., San Francisco, Calif.	415-555-8901
Ms. W. X. Malachite	2323 Redwood Ave., San Francisco, Calif.	415-555-2345
Mr. Y. Z. Jade	2424 Sycamore Rd., San Francisco, Calif.	415-555-6789
Ms. A. B. Onyx	2525 Dogwood St., San Francisco, Calif.	415-555-0123
Mr. C. D. Obsidian	2626 Magnolia Ave., San Francisco, Calif.	415-555-4567
Ms. E. F. Turquoise	2727 Birch Dr., San Francisco, Calif.	415-555-8901
Mr. G. H. Zircon	2828 Elm St., San Francisco, Calif.	415-555-2345
Ms. I. J. Spinel	2929 Oak Ave., San Francisco, Calif.	415-555-6789
Mr. K. L. Garnet	3030 Pine Rd., San Francisco, Calif.	415-555-0123
Ms. M. N. Sapphire	3131 Cedar Ln., San Francisco, Calif.	415-555-4567
Mr. O. P. Ruby	3232 Spruce St., San Francisco, Calif.	415-555-8901
Ms. Q. R. Emerald	3333 Fir Ave., San Francisco, Calif.	415-555-2345
Mr. S. T. Peridot	3434 Hemlock Dr., San Francisco, Calif.	415-555-6789
Ms. U. V. Aquamarine	3535 Cypress St., San Francisco, Calif.	415-555-0123
Mr. W. X. Topaz	3636 Juniper Ave., San Francisco, Calif.	415-555-4567
Ms. Y. Z. Malachite	3737 Redwood Rd., San Francisco, Calif.	415-555-8901
Mr. A. B. Jade	3838 Sycamore St., San Francisco, Calif.	415-555-2345
Ms. C. D. Onyx	3939 Dogwood Ave., San Francisco, Calif.	415-555-6789
Mr. E. F. Obsidian	4040 Magnolia Dr., San Francisco, Calif.	415-555-0123
Ms. G. H. Turquoise	4141 Birch St., San Francisco, Calif.	415-555-4567
Mr. I. J. Zircon	4242 Elm Ave., San Francisco, Calif.	415-555-8901
Ms. K. L. Spinel	4343 Oak Rd., San Francisco, Calif.	415-555-2345
Mr. M. N. Garnet	4444 Pine St., San Francisco, Calif.	415-555-6789
Ms. O. P. Sapphire	4545 Cedar Ave., San Francisco, Calif.	415-555-0123
Mr. Q. R. Ruby	4646 Spruce Dr., San Francisco, Calif.	415-555-4567
Ms. S. T. Emerald	4747 Fir St., San Francisco, Calif.	415-555-8901
Mr. U. V. Peridot	4848 Hemlock Ave., San Francisco, Calif.	415-555-2345
Ms. W. X. Aquamarine	4949 Cypress Rd., San Francisco, Calif.	415-555-6789
Mr. Y. Z. Topaz	5050 Juniper St., San Francisco, Calif.	415-555-0123
Ms. A. B. Malachite	5151 Redwood Ave., San Francisco, Calif.	415-555-4567
Mr. C. D. Jade	5252 Sycamore Dr., San Francisco, Calif.	415-555-8901
Ms. E. F. Onyx	5353 Dogwood St., San Francisco, Calif.	415-555-2345
Mr. G. H. Obsidian	5454 Magnolia Ave., San Francisco, Calif.	415-555-6789
Ms. I. J. Turquoise	5555 Birch Rd., San Francisco, Calif.	415-555-0123
Mr. K. L. Zircon	5656 Elm St., San Francisco, Calif.	415-555-4567
Ms. M. N. Spinel	5757 Oak Ave., San Francisco, Calif.	415-555-8901
Mr. O. P. Garnet	5858 Pine Dr., San Francisco, Calif.	415-555-2345
Ms. Q. R. Sapphire	5959 Cedar St., San Francisco, Calif.	415-555-6789
Mr. S. T. Ruby	6060 Spruce Ave., San Francisco, Calif.	415-555-0123
Ms. U. V. Emerald	6161 Fir Rd., San Francisco, Calif.	415-555-4567
Mr. W. X. Peridot	6262 Hemlock St., San Francisco, Calif.	415-555-8901
Ms. Y. Z. Aquamarine	6363 Cypress Ave., San Francisco, Calif.	415-555-2345
Mr. A. B. Topaz	6464 Juniper Dr., San Francisco, Calif.	415-555-6789
Ms. C. D. Malachite	6565 Redwood St., San Francisco, Calif.	415-555-0123
Mr. E. F. Jade	6666 Sycamore Ave.,	

BLM 2300 River Frontage Rd., Silt, CO 81652 (970) 876-9018

H. J. Galt
Signature of Permittee, Operator or their authorized agent

Date 11/21/2017

Page 2 of 2

Permit No. M-1985-038

Company: Pete Lien & Sons

Mine: Rifle Quarry

By: Clint Beck, Pete Lien and Sons, Inc.

Date: November 22, 2017

<i>Reclamation Task</i>	<i>Form Used</i>	<i>Task Hours</i>	<i>Cost for Task</i>
Revegetation	REVEGE	NA	\$ 3,591
Equipment Mobilization/Demobilization	MOBILIZE	8.28	\$ 1,876
Subtotal		8.28	\$ 5,467

Indirect Costs

Overhead and Profit

Liability Insurance: 2.02%	\$ 110.44
Performance Bond: 1.05%	\$ 57.41
Job Superintendent: 54 HRS. @ \$75.16 per hour	4058.64
Profit: 10%	\$ 546.75
Total O&P	\$ 4,773.24
Contract Amount (Direct + OP)	\$ 10,240.69

Legal - Engineering - Project Management

Financial Warranty Processing: 0.00%	NA
Engineering Work and/or Contract/Bid Preparation: 0.00%	NA
Reclamation Management and/or Administration: 5.00%	\$ 512.03
Contingency: 0.00%	NA
Total Indirect Costs	\$ 5,285.27
Total Bond Amount (Direct+Indirect)	\$ 10,752.72

Reclamation Input Variables	Weaver
Reported Affected Acreage	1.65
Total Affected Acreage Planned for 2017	0
Total Affected Acreage without Reclamation	0
Total Reclamation Acreage (Unreleased w/ Future)	1.65
Total Reclamation Acreage (Unreleased w/o Future)	1.65
Total Acreage to Backfill	0
Volume of Backfill Required (LCY)	0
Total Acreage to Grade	0
Total Acreage to Apply Topsoil	0
Topsoil Depth Required	4-6"
Volume of Topsoil Required (AC-FT)	0
Volume of Topsoil Required (LCY)	0
Topsoil Stockpiles	0
Total Acreage to Seed	1.65
Total Acreage to Mulch	1.65
Highwall Length	0
Quarry Floor Slope	4%

Task 3: Revegetation**FERTILIZING****Materials**

Description	Units/Acre	Unit	Cost/Unit	Cost/Acre
8-24-24, 10-15-15, 10-20-20	20	lb	\$0.31	\$6.12
			Total Fertilizer Materials	
			Cost/Acre	\$6.12

Application

Description				Cost/Acre
Truck whirlwind Spreader				\$22.22
			Total Fertilizer Application	
			Cost/Acre	\$22.22

TILLING

Description				Cost/Acre
Disc Harrowing, 6' deep				\$98.01
			Total Fertilizer Application	
			Cost/Acre	\$98.01

SEEDING

Seed Mix		Rate - PLS LBS/Acre		
Slender wheatgrass		2.6		
Bluebunch Wheatgrass		3.3		
Canby Bluegrass		0.4		
Prairie Junegrass		0.15		
Rubber Rabbitbrush		0.4		
Basin Big Sagebrush		0.1		
Western Yarrow		0.9		
Lewis Flax		1.4	Cost/Acre	
Totals Seed Mix		9.25		\$200.00

Application

Description				Cost/Acre
Broadcast Seeding				\$261.28
			Total Seed Application	
			Cost / Acre	\$261.28

MULCHING and MISCELLANEOUS**Materials**

Description	Unit/Acre	Unit	Cost/Unit	Cost/Acre
Herbicide -2,4D @ 1.0 pt/ac		1 Acre	\$1.23	\$1.23
Straw, delivered		2 Ton	\$265.00	\$530.00
			Total Mulch Materials	
			Cost/Acre	\$531.23

Application

Description				Cost/Acre
Crimping, with Tractor				\$65.89
Power Mulcher				\$86.68
Weed Spray, Hand, Non-Aquatic Area, nox.				\$179.57
			Total Mulch Application	
			Cost/Acre	\$332.14

Job Time and Cost

Site	Number of Acres	Estimated Failure Rate	Selected Replanting Work Items	Cost/Acre	Initial Job Cost	Reseeding Job Cost	Total Job Cost
Weaver	1.65	50%	Fertilizing, Seeding Mulching	\$1,451.00	\$2,394.15	\$1,197.08	\$3,591.23

Task 4: Mobilization

EQUIPMENT TRANSPORT RIG COST

Shift Basis: 1 per day
 Cost Data Source: CRG Data
 Truck Tractor Description: Generic On-Highway Truck Tractor, 6X4, Diesel Powered, 400 HP
 Truck Trailer Description: Generic Folding Gooseneck, Drop Deck Equipment Trailer

Cost Breakdown:

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

Weaver NON ROADABLE EQUIPMENT

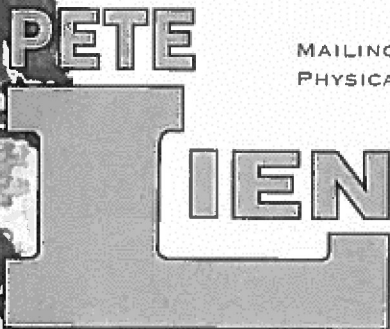
Machine Description	Weight/Unit (Tons)	Ownership Cost/hr./unit	Haul Rig Cost/hr./unit	Fleet Size	Haul Trip Cost/hr./fleet	Return Trip Cost/hr./fleet	DOT Permit Cost/fleet
Weed Spreader	4	\$62.67	\$117.55	1	\$180.22	\$117.55	\$250.00
				Subtotals	\$180.22	\$117.55	\$250.00

EQUIPMENT HAUL DISTANCE AND TIME

	Weaver
Nearest Major City or Town:	Rifle
Total One-Way Travel Distance:	20 miles
Average Travel Speed:	35

* Assuming Two Round Trips for Hauling

Transportation Cycle Time	Weaver
Haul Time (Hours)	0.57
Return Time (Hours)	0.57
Loading Time (Hours)	1.5
Unloading Time (Hours)	1.5
Subtotals (Hours):	4.14
Job Time (2 Round Trips)	8.28
Total Cost	\$1,876.23



MAILING ADDRESS: P.O. Box 440 RAPID CITY, SD 57709-0440 PH. 605-342-7224
PHYSICAL ADDRESS: 3401 UNIVERSAL DR. RAPID CITY, SD 57702 FX. 605-342-6979

& Sons, Inc.

November 22, 2017

CO DRMS
Attn: Ms. Amy Yeldell
1313 Sherman St., Room 215
Denver, CO 80203

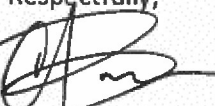
Re: Pete Lien & Sons, Inc.; Mine Permit No. M-1985-038; Rifle Quarry; Surety Reduction Request

Dear Ms. Yeldell,

Please find the enclosed updated bond estimate for the Rifle Quarry. The estimate includes revegetation of the 1.65 acres currently reclaimed, mobilization costs, and indirect costs associated with reseeding as necessary. As such, a surety reduction is requested. Please find the enclosed accompanying surety reduction form.

If there are any questions regarding this submittal or if additional information is required, please feel free to contact me at (605) 939-2690 or by email at CBeck@petelien.com.

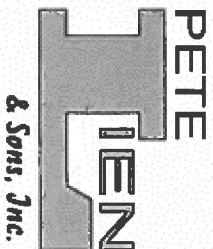
Respectfully,


Clinton D. Beck, E.I.T.
Environmental Coordinator
Pete Lien & Sons, Inc.

Enclosures

Cc: Ms. Jessica Lopez Pearce, BLM

Return Receipt: 7016 0910 0000 5705 5273



& Sons, Inc.

P.O. Box 440
Rapid City, SD 57709

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL



7016 0910 0000 5705 2017
MAILED FROM ZIP CODE 57702



02 1P
\$ 006.770
NOV 22 2017

Co Dams
1313 Sherman St. Room 215
DENVER, CO 80203

6020382243 0091

