

The bond currently held by the Division for the existing mining operation is adequate to do the reclamation needed at the existing stages in mine at this time. Since the plan is to add a liner to the Sandstone pond in the future and start liner construction in the Northeast #1 Phase this fall, we have revised the cost estimate to include those two liners and associated work and costs to reclaim the existing stages in their current state of disturbance. Tables L-1n to L-8n and Tables L-9n to L-11n show the areas and cost to reclaim each Phase in the northern permit area.

Current bond information:

Fort Lupton Sand & Gravel Mine

\$ 2,002,400.00

The following recap explains the changes to the site that we have discussed in detail throughout this amendment application. These changes may affect the reclamation bond. The current conditions discussion following this section has tables showings the remaining activities to be used in estimating the financial warranty needs at this time. The applicant asks the Division to include the following items in its Circes© bonding calculations for this amendment:

Bonding Decrease

Reclamation Work completed (noted as of 10/21/2024)

- Swingle North (2022,) Parker-Panowicz (2014) and Ft. Lupton West (2004) areas - slurry walls certified by the DWR (13,080');
- Swingle-South - installed slurry wall (certification test in progress, 6400 ft)
- Blue Ribbon - installed slurry wall (certification test in progress, 5675')
- Backfilling, sloping and grading is done on Blue Ribbon, Swingle North and parts of Swingle South and Parker-Panowicz.

Possible Bonding Increase

Installed slurry walls

- Sandstead - bond to install slurry wall (2945 ft)
- Northeast #1 - bond to install slurry wall (7350 ft)

In conjunction with the installation of the new slurry walls, there were necessary surface disturbances including (a) the working platform that is built for the equipment that is constructing the slurry wall, (b) areas where the material was taken from to construct the platform, and haul roads between the slurry wall platforms and the material gathering areas. These areas will need only grading and seeding.

Mining in Existing area

All of the areas currently in the mine are bonded for surface disturbance, liner installation and reclamation. Mining is complete in Parker-Panowicz, Swingle North, Deep Lake and Blue Ribbon and all sloping is done. In Swingle South and Ft. Lupton West mining continues.

Current Conditions

This reclamation cost estimate is based on the assumption that at the current time no more than 300.00 acres will need some form of

reclamation at any-one-time. Of this, 45.78 acres will be gravel surface area needing only grading, 78.82 acres requiring resoiling and seeding and there is 157.97 acres of future reservoir area that needs no work to reclaim. There is sufficient amounts of growth medium in Swingle South to place 8 inches on the above water area in Parker-Panowicz, the above water area in Swingle South, the backfilled area in Sandstead, Deep Lake and on the Plant Site.

The **Tables L1, L2, and L3** contain all the base information used to calculate this estimate. The disturbed areas include, the plant site; roads; slurry wall construction pads and staging areas; gravel surfaces on the above water areas around certified reservoirs and Blue Ribbon. Also the active mining areas that are stripped, partially mined or partially reclaimed areas.

There are three Division of Water Resources (DWR) certified slurry walls. There are two installed slurry walls (12,075 ft total) which are being tested at this time and we assume they will pass certification standards within the next few months. and both are covered by the SWSP water; and We have included a factor of 20% for the 12,075 feet in those phases to cover remedial work on the completed liners until the DWR certification is received. Finally, there are 2 slurry wall (Sandstead & Northeast #1) that will be installed in the next 2 years. Both of the new slurry walls will be fully bonded as they are not installed yet. The slurry wall depths to bottom of the key trench and as built lengths are shown in the Table L3. We have included a factor of 20% for the 12,075 feet in those phases to cover remedial work on the completed liners until the DWR certification is received.

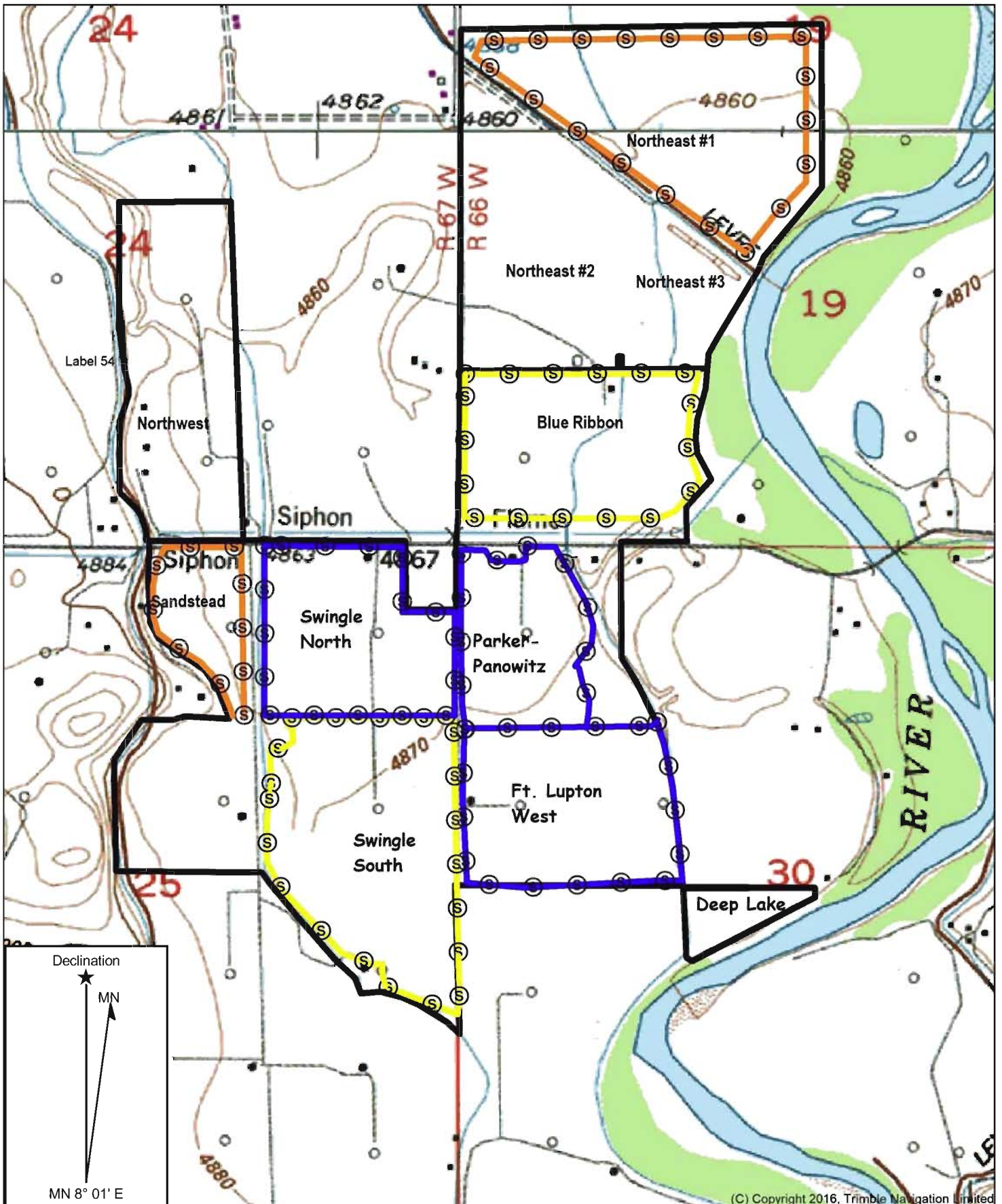
The total potential water surface area in Swingle South, is estimated to be 37.3 acres at this time. Interior sloping is completed on the Blue Ribbon, and approximately 50% of the Swingle South reservoir. The dewatering calculation for Swingle South is shown in **Table L2**, Blue Ribbon would not need dewatering as all slopes are done in that phase. Ft. Lupton West is a certified reservoir, so the slopes could be built using the cut/fill method as the below water slope are dry at this time. We rounded the pumping time for Swingle South to the next day and used 72,300 gal/day as a transmissivity number to figure inflow from the aquifer. This figure is then used in the calculations for the bond amount.

In this estimate we would have to complete bank backfilling on 3,040 linear feet at an average of 41.67 cyd/linear feet in Swingle South.

The volume of concrete contained in the foundations of the scale and the processing plant is 125 yards. The conveyor is temporary and portable so only removal of 100 yards of concrete foundations for the grade crossing over WCR 18 is included in the cost estimate.

A 627C Cat motor scraper or similar equipment will be used to resoil the areas needing to be soiled and revegetated. A 140G Cat motor grader or similar equipment will be used to shape the seed bed, the resoiled areas, grade the graveled surfaces and rip the Plant Site. A D8N Cat dozer or similar equipment will be used to reconstruct the slopes around the perimeter of the reservoirs. Cut/fill sloping is need in the Plant Site active mining area as mining has not reached the reservoir area sides,

The tables below outline, the various areas of disturbance at this time. As mining moves into the amendment area, the total disturbance will begin to reduce as reclamation is completed in the 7 stages in the existing active mine area.



Name: FORT LUPTON
Date: 06/17/25
Scale: 1 inch = 1,000 ft.

LOCATED IN PARTS OF , SECTIONS 19,
30 & 31, T-2-N, R-66-W, AND PART OF
SECTION 25 & 36, T-2-N, R-67-W, 6TH
P.M., WELD COUNTY, COLORADO

L.G. EVERIST, INC.
FT. LUPTON SAND AND GRAVEL MINE
FIGURE L - SLURRY WALLS

TABLE L1

CALCULATION FACTORS		
Explanation	Quantity	Units
Soil depth	8.00	Inches
Lake bank sloping re-construction (Swingle South)	41.67	cy/Lft
Lake bank sloping re-construction (Northeast #1)	74.05	cy/lft
Slurry wall installation cost	\$6.25	sq-ft
Non certified Slurry wall bond factor	20%	
Swingle South slope construction time	267	days
Weed control costs	\$5,000.00	Per year

TABLE L2

DEWATERING DATA (Swingle South only)		
Description	Amount	Units
Area 100% of lake depth	28.65	acres
maximum depth	33	feet
length of ½:1 slopes	3,400	feet
Unit volume of water on ½:1 slopes	156.25	cft/Lft
length of 3:1 slopes	3,040	lft
Unit volume of water on 3:1 slopes	937.5	cft/lft
Gallon conversion factor	7.48	gal/cft
Transmissivity #	72,300	gal/day
Pump rate minimum	6,000	gpm
CALCULATED VOLUMES AND TIMES		
Slope water volumes		
½ :1 slope capacity	6,9963,880	gal
100% depth	383,018,863	gal
Total pumping volume	452,982,743	gal
Pumping time		
Dewater lake	45.14	Days
Slope construction time	13.06	Days
Recharge factor for inflow during sloping time and Dewatering	0.49	Days
TOTAL PUMPING TIME*	59.00	Days

*NOTE: pumping time rounded to next full day

TABLE L3 - CURRENT CONDITIONS (revised 6/2025)

RECLAMATION ACTIVITY		STAGE									
	Parker Panowicz	Swingle North	Fort Lupton West	Swingle South	Blue Ribbon	Sandstead	Deep Lake	Northeast #1		TOTALS	
GRAVEL SURFACE GRADE (ac)	9.49	6.86		12.48	7.96			8.98		45.78	
REVEGETATE & GRADE (ac)	6.28	2.46	35.14	19.83	2.64	32.94	3.98	2.48		105.75	
RESOIL VOLUMES @ 8 inches	6,754	2,646	37,795	21,328	2,839	35,430	4,281	2,667		113,740	
½ :1 SLOPE CUT/FILL SLOPING (yds)			39,440	126.67				31,391		197,508	
½ :1 SLOPE BACKFILL SLOPING (yds)								74,050		74,050	
Bank Armoring (lft)								1,030		1,030	
DEWATER (hrs)				59.00						59.00	
BACKFILLING SETTTLING POND (yds)						72,146				72,146	
SLURRY WALL LENGTH (Lft)	certified	certified	certified	6,400*	5,675*	2,945		7,350		10,295	
SLURRY WALL COLOR (Figure L)	BLUE	BLUE	BLUE	YELLOW	YELLOW	ORANGE		ORANGE			
SLURRY WALL DEPTH (ft)				33.0	43.0	30.00		38.00			
CONCRETE DEMOLITION (yds)		25	100		100					225	
ROADS (ac)	5.97	1.35	1.77	1.54	1.54	2.11		0.70		14.98	

Note * slurry walls complete but not certified

ESTIMATED UNIT COSTS FOR RECLAMATION ITEMS:

	<u>Unit Cost</u>
1. Revegetation includes grass seed mix and labor to drill	\$1,700.00/AC.
2. Re-spreading soil and/or growth media with 627-E Motor Scraper, Haul distance less than 900	\$1.929/YD ³
3. Rip seed bed in plant site, 140G motor grader	\$193.69 ac.
4. Grade and shape gravel surfaces, 140G motor grader	\$193.69 ac
5. Pumping costs includes, full service rental of self contained pump, fuel, maintenance and servicing daily.	\$221.67/day**
6. Cut/Fill $\frac{1}{2}$ 1 slope areas D8N Dozer push distance Less than 120 feet	\$1.08/YD ³
7. Backfill $\frac{1}{2}$ 1 slope areas D8N Dozer push distance Less than 120 feet	\$1.25/YD ³
8. Backfill Sandstead Settling Pond.	\$2.22/YD ³
9. Slurry wall construction	\$6.25/sq-FT
10. Slurry wall repair bonding	\$1.25/sq-FT
11. Bank Armoring Place Materials	\$2.70 /Yd
12. Concrete demolition & on-site disposal	\$8.30/Yd.
13. Conveyor crossing foundation demolition.	\$8.30/yd
14. Secondary Revegetation seeding only	\$1,262.00/ac

RECLAMATION COSTS

1. Revegetation, 105.75 ac @ \$1,700.00/ac	\$179,775.00
2. Resoiling, 113,740 x 1.12 @ \$1.929/yd ³	\$219,404.46
3. Rip plant site & seed beds 105.45 ac @ \$193.69/ac.	\$20,482.72
4. Grading gravel surface & Seedbeds 158.54 ac. @ \$193.69/ac	\$30,707.61
5. Dewatering, 59 days @ \$221.67/day	\$13,078.53
6. Cut/fill and compact side slopes, 197,508 yds @ \$1.08/yd ³	\$213,308.86
7. Backfill and compact side slopes, 74,500 yds @ \$1.25/yd ³	\$92,562.50
8. Backfill settling pond, 72,146 CYD @ \$2.22/yd ³	\$160,163.42
9. Slurry installation fee. 367,650 sq-ft @ \$6.25/ft	\$2,187,687.50
10. Slurry contingency fee. 455,225 sq-ft @ \$1.25/ft	\$305,031.25
11. Bank Armoring 2,421 cyd @ \$2.22/cy	\$6,535.35
12. Demolition & on-site disposal 225 yds@ \$8.30/yd ³ .	\$1,867.50
13. Secondary revegetation 105.75 x 25% x \$1,262.00/ac	\$33,364.13
14. Weed control costs	<u>\$5,000.00</u>
Direct Cost Total	\$3,468,968.82

Mobilization \$6,406.48

Indirect Costs

Liability insurance @ 2.02%	\$70,073.17
Contingency @ 3.00%	\$104,069.06
Profit @ 10%	<u>\$346,896.88</u>
Total Indirect costs	\$521,039.12

Engineering and Management	
Bond Processing Fee	\$500.00
Reclamation Management @ 4.0%	\$138,758.75
Engineering @ 5.23%	<u>\$181,427.07</u>
Total bond estimate	\$4,345,003.28

Request Bond be set at \$4,345,000.00

Equipment listed in this estimate is used for the calculations and similar types may be used in the actual reclamation activities at the mine.

* Estimate for services from Rain for Rent, Ft. Lupton, CO (970) 535-4963

Table L-1n

Task	Parker/Pano	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	43.51							
	TOTAL MINED	20.60							
	WATER AREA	20.45							
	Undisturbed (AC)	2.99							
001	Revegetate (AC.)	6.28						\$1,700.00	\$10,676.00
002	Resoil (AC.)	6.28		0.67		6,754	900	\$1.929	\$13,029.41
003	Rip seed bed (AC.)	6.28						\$193.69	\$1,216.37
004	Grading and Shaping (AC.) includes resoiled and graveled areas	15.77						\$193.69	\$3,054.49
005	Dewatering (per day)		0.00					\$221.67	\$0.00
006	Cut Fill Sloping (CYD)					complete		\$1.08	0
007	Backfill sloping (Cuyds)					complete	500	\$1.25	0
008	Slurry wall (LINEAR SQ-FT.)		Certified	28				\$6.25	0
010	Concrete Demo Plant (Cuyds)					25		\$8.30	\$207.50
011	Secondary seeding (AC.)@25%	1.57						\$1,262.00	\$1,981.34
012	Annual Weed Control								\$500.00
013	Backfill Setteling Pond (Cyd)					0.00		\$2.22	\$0.00
014	Reservoir armoring (Feet)		0		2.35	0	500	\$2.70	\$0.00
015	Underdrain Instalation (Feet)		0					\$82.03	\$0.00
Phase total project									\$30,665.11

Table L-2n

Task	Swingle North	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	42.02							
	TOTAL MINED	31.88							
	WATER AREA	29.53							
	Undisturbed (AC)	3.33							
001	Revegetate (AC.)	2.46						\$1,700.00	\$4,182.00
002	Resoil (AC.)	2.46		0.67		2,646	900	\$1.929	\$5,103.88
003	Rip seed bed (AC.)	2.46						\$193.69	\$476.48
004	Grading and Shaping (AC.) includes resoiled and graveled areas	13.14						\$193.69	\$2,545.09
006	Cut Fill Sloping (CYD)					Complete		\$1.08	0.00
007	Backfill sloping (Cuyds)					Complete	500	\$1.25	0.00
008	Slurry wall (LINEAR SQ-FT.)		Certified	38				\$6.25	0.00
011	Secondary seeding (AC.)@25%	0.62						\$1,262.00	\$776.13
012	Annual Weed Control								\$500.00
Phase total project									\$13,583.57

Table L-3n

Task	Swingle South	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	67.45							
	TOTAL MINED	52.31							
	WATER AREA	48.70							
	Undisturbed (AC)	4.85							
001	Revegetate (AC.)	19.83						\$1,700.00	\$33,711.00
002	Resoil (AC.)	19.83		0.67		21,328	900	\$1.929	\$41,142.23
003	Rip seed bed (AC.)	19.83						\$193.69	\$3,840.87
004	Grading and Shaping (AC.) includes resoiled and graveled areas	32.31						\$193.69	\$6,258.12
005	Dewatering (per day)		59.00					\$221.67	\$13,078.53
006	Cut Fill Sloping (CYD)		3040		41.67	126,677	200	\$1.08	\$136,810.94
007	Backfill sloping (Cuyds)					0		\$1.25	\$0.00
008	Slurry wall (LINEAR SQ-FT.)		complete	33				\$6.25	\$0.00
009	Slurry wall Contingency fee 20% (LINEAR SQ-FT.)		6,400	33				\$1.25	\$264,000.00
011	Secondary seeding (AC.)@25%	4.96						\$1,262.00	\$6,256.37
012	Annual Weed Control								\$500.00
Phase total project									\$505,598.06

Table L-4n

Task	Ft Lupton West	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	47.81							
	TOTAL MINED	41.25							
	WATER AREA	41.39							
	Undisturbed (AC)	0.29							
001	Revegetate (AC.)	35.14						\$1,700.00	\$59,738.00
002	Resoil (AC.)	35.14		0.67		37,795	900	\$1.929	\$72,906.60
003	Rip seed bed (AC.)	35.14						\$193.69	\$6,806.27
004	Grading and Shaping (AC.) includes resoiled and graveled areas	38.61						\$193.69	\$7,478.37
006	Cut Fill Sloping (CYD)		3400			39,440	200	\$1.08	\$42,595.20
007	Backfill sloping (Cuyds)					0	500	\$1.25	0.00
008	Slurry wall (LINEAR SQ-FT.)		Certified	33.00				\$6.25	0.00
010	Concrete Demo Plant (Cuyds)					100		\$8.30	\$830.00
011	Secondary seeding (AC.)@25%	8.79						\$1,262.00	\$11,086.67
012	Annual Weed Control								\$500.00
Phase total project									\$201,941.11

Table L-5n

Task	Blue Ribbon	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	55.55							
	TOTAL MINED	37.77							
	WATER AREA	37.04							
	Undisturbed (AC)	8.17							
001	Revegetate (AC.)	2.64						\$1,700.00	\$4,488.00
002	Resoil (AC.)	2.64		0.67		2,839	900	\$1.929	\$5,477.33
003	Rip seed bed (AC.)	2.64						\$193.69	\$511.34
004	Grading and Shaping (AC.) includes resoiled and graveled areas	10.33						\$193.69	\$2,000.82
006	Cut Fill Sloping (CYD)					0		\$1.08	\$0.00
007	Backfill sloping (Cuyds)					0	500	\$1.25	\$0.00
008	Slurry wall (LINEAR SQ-FT.)		complete	43.00				\$6.25	\$0.00
009	Slurry wall Contingency fee 20% (LINEAR SQ-FT.)		5,675	43.00				\$1.25	\$7,093.75
010	Concrete Demo Plant (Cuyds)					100		\$8.30	\$830.00
011	Secondary seeding (AC.)@25%	0.66						\$1,262.00	\$832.92
012	Annual Weed Control								\$500.00
Phase total project									\$21,734.16

Table L-6n

Task	Sandstead (Dodge)	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	50.05							
	TOTAL MINED	36.64							
	WATER AREA	10.35							
	Undisturbed (AC)	4.65							
001	Revegetate (AC.)	32.94						\$1,700.00	\$55,998.00
002	Resoil (AC.)	32.94		0.67		35,429	900	\$1.929	\$68,342.16
003	Rip seed bed (AC.)	32.94						\$193.69	\$6,380.15
004	Grading and Shaping (AC.) includes resoiled and graveled areas	32.94						\$193.69	\$6,380.15
005	Dewatering (per day)		0.00					\$221.67	\$0.00
008	Slurry wall (LINEAR SQ-FT.)		2,945	30.00				\$6.25	\$552,187.50
011	Secondary seeding (AC.)@25%	8.24						\$1,262.00	\$10,392.57
012	Annual Weed Control								\$500.00
013	Backfill Settling Pond (Cyd)					72,146		\$2.22	\$160,163.42
Phase total project									\$860,343.94

Table L-7n

Task	Deep Lake	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	7.90							
	TOTAL MINED	5.75							
	WATER AREA	3.62							
	Undisturbed (AC)	0.30							
001	Revegetate (AC.)	3.98						\$1,700.00	\$6,766.00
002	Resoil (AC.)	3.98		0.67		4,281	900	\$1.929	\$8,257.49
003	Rip seed bed (AC.)	3.98						\$193.69	\$770.89
004	Grading and Shaping (AC.) includes resoiled and graveled areas	3.98						\$193.69	\$770.89
005	Dewatering (per day)		0.00					\$221.67	\$0.00
011	Secondary seeding (AC.)@25%	1.00						\$1,262.00	\$1,255.69
012	Annual Weed Control								\$500.00
Phase total project									\$18,320.95

Table L-8n

Task	Northeast # 1	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	70.87							
	TOTAL MINED	56.82							
	WATER AREA	53.68							
	Undisturbed (AC)	6.25							
001	Revegetate (AC.)	2.48						\$1,700.00	\$4,216.00
002	Resoil (AC.)	2.48		0.67		2,667	900	\$1.929	\$5,145.37
003	Rip seed bed (AC.)	2.48						\$193.69	\$480.35
004	Grading and Shaping (AC.) includes resoiled and graveled areas	11.46						\$193.69	\$2,219.69
005	Dewatering (per day)		0.00					\$221.67	\$0.00
006	Cut Fill Sloping (CYD)		1,695		18.52	31,391		\$1.08	\$33,902.71
007	Backfill sloping (Cuyds)		1,000		74.05	74,050		\$1.25	\$92,562.50
008	Slurry wall (LINEAR SQ-FT.)		7,350	38.00				\$6.25	\$1,745,625.00
011	Secondary seeding (AC.)@25%	0.62						\$1,262.00	\$782.44
012	Annual Weed Control								\$500.00
014	Reservoir armoring (per foot)		1,030		2.35	2,421		\$2.70	\$6,535.35
Phase total project									\$1,891,969.41

Table L-9n

Task	Northeast # 2	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	67.00							
	TOTAL MINED	56.47							
	WATER AREA	49.45							
	Undisturbed (AC)	4.11							
001	Revegetate (AC.)	7.02						\$1,700.00	\$11,934.00
002	Resoil (AC.)	7.02		0.67		7,550	900	\$1.929	\$14,564.72
003	Rip seed bed (AC.)	7.02						\$193.69	\$1,359.70
004	Grading and Shaping (AC.) includes resoiled and graveled areas	13.44						\$193.69	\$2,603.19
006	Cut Fill Sloping (CYD)		1,398		7.82	10,932		\$1.08	\$11,806.95
007	Backfill sloping (Cuyds)		1,000		31.3	3,130	500	\$1.25	\$3,912.50
008	Slurry wall (LINEAR SQ-FT.)		6,880	38.00				\$6.25	\$1,634,000.00
012	Annual Weed Control								\$500.00
Phase total project						\$1,680,681.07			

Table L-10n

Task	Northeast # 3	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	12.12							
	TOTAL MINED	4.52							
	WATER AREA	4.22							
	Undisturbed (AC)	4.33							
001	Revegetate (AC.)	0.99						\$1,700.00	\$1,683.00
002	Resoil (AC.)	0.99		0.67		1,065	900	\$1.929	\$2,054.00
003	Rip seed bed (AC.)	0.99						\$193.69	\$191.75
004	Grading and Shaping (AC.) includes resoiled and graveled areas	2.58						\$193.69	\$499.72
006	Cut Fill Sloping (CYD)		730		31.3	22,849		\$1.08	\$24,676.92
008	Slurry wall (LINEAR SQ-FT.)		2,925	35.00				\$6.25	\$639,843.75
012	Annual Weed Control								\$500.00
014	Reservoir armoring (per foot)		970		2.35	2,280	500	\$2.70	\$6,154.65
Phase total project									\$675,916.14

Table L-11n

Task	Northwest	Acres	Length	Average Depth (FT)	CYD/FT	Volume (Cyds or Sqft)	Push/Haul Distance	Unit Cost	Total cost
	TOTAL AREA	52.33							
	TOTAL MINED	27.47							
	WATER AREA	22.44							
	Undisturbed (AC)	18.76							
001	Revegetate (AC.)	5.03						\$1,700.00	\$8,551.00
002	Resoil (AC.)	5.03		0.67		5,410	900	\$1.929	\$6,957.32
003	Rip seed bed (AC.)	5.03						\$193.69	\$974.26
004	Grading and Shaping (AC.) includes resoiled and graveled areas	11.13						\$193.69	\$2,155.77
006	Cut Fill Sloping (CYD)		695		12.86	8,938		\$1.08	\$9,652.72
007	Backfill sloping (Cuyds)		500 500		70.42 44.95	57,455	500	\$1.25	\$71,818.75
008	Slurry wall (LINEAR SQ-FT.)		6,220	35.00				\$6.25	\$1,360,625.00
012	Annual Weed Control								\$500.00
013	Backfill Setteling Pond (Cyd)					0		\$2.22	\$0.00
014	Reservoir armoring (per foot)		0		2.35	0	500	\$2.70	\$0.00
015	Ground water Drain Installation (Feet)		2,540					\$82.03	\$208,356.20
Phase total project						\$1,671,177.99			