



Freeport-McMoRan Chino Mines Company
P.O. Box 10
Bayard, NM 88023

September 25, 2026

Certified Mail # 70221670000184299512

Mr. Kevin Barnes
Permit Lead, Mining Act Reclamation Program
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Barnes:

Re: Revised Reclamation Cost Estimate, Revision 24-2,
2024 Closure/Closeout Plan Update Chino Mine, Permit No. GR009RE

Freeport-McMoRan Chino Mines Company (Chino) is submitting the enclosed Revised Reclamation Cost Estimate (RCE) in response to the New Mexico Mining and Minerals Division's (MMD's) August 28, 2026, Technically Approvable Determination letter requesting an updated RCE for Revision 24-2 of the 2024 Closure/Closeout Plan (CCP) Update.

The enclosed RCE represents the final RCE and supersedes the preliminary RCE submitted in May 2026. The estimate incorporates revisions resulting from resolution of MMD and New Mexico Environment Department (NMED) technical review comments, completion of the technical review process, and updates to the permit application package included with Revision 24-2. This submittal includes supporting spreadsheets, calculations, and documentation used to develop the estimate. Consistent with MMD's request, electronic Microsoft Excel versions of the RCE tables and calculations files are being transmitted separately via email to you concurrent with this submittal.

This submittal includes two versions of the RCE associated with the Kessel Stockpile. The first RCE reflects the 5-year Highest Liability Year reclamation scenario associated with the Revision 24-2 mine plan and is intended to support the financial assurance determination for this planning scenario. The second RCE reflects the ultimate full build-out reclamation scenario for the Kessel Stockpile and associated facilities and corresponds to the proposed Mine Plan of Operations amendment application currently under US Bureau of Land Management (BLM) review. Both reclamation scenarios are based on the same engineering design approach, earthwork methodologies and long-term operations and maintenance assumption; however, the estimated reclamation costs differ due to differing facility footprints and reclamation scope associated with each scenario.

The RCE has been revised to incorporate the following changes:

Earthwork, Reclamation and Facilities Scope

- Included RCE changes associated with the Southwest Lampbright Waste Rock Stockpile Buttress.
- Updated RCE to reflect the use of borrow material.
- Revised RCE to include additional mining/hauling of in-situ material required to reclaim Kessel.
- Added haulage distances for Kessel in the RCE.
- Included reclamation costs for the 9 Waste Rock Stockpile to ensure adequate financial assurance.
- Added additional acres of windblown tailings reclamation area east of Tailings Pond 7 in the RCE.
- Added the potentially impacted area near the SMA reclamation plan and RCE.
- Added updated building demolition and reclamation scope to the RCE.

Water Management

- Added maintenance cost for periodic sediment removal.
- Added design details and costs for the Salt Disposal Facility.
- Added replacement/maintenance costs and specifications for interceptor wells, including additional contingency wells for NMA.
- Added replacement/maintenance costs for water treatment plant infrastructure based on component service life.

General Updates

- Updated costs to 2026 unit rates

Chino believes the enclosed RCE accurately reflects the reclamation obligations associated with Revision 24-2, incorporates the revisions resulting from MMD and NMED review, and provides an appropriate basis for determining the financial assurance amount required under Permit GR009RE.

If you have any questions regarding this submittal or require additional information, please contact Ned Hall at 520-498-6317 or ehall@fmi.com.

Sincerely,



Sherry Burt-Kested, Manager
NMO Environmental Services

SBK:nh
Enclosures
20260917-001

ec: Ned Hall, FMI
David "DJ" Ennis, MMD
Joe Fox, NMED
Brad Reid, NMED
Jordan Anderson, NMED
Cory Durr, BLM

Chino Mine – GR009RE Revision 24-2
Closure-Closeout Plan Update
Reclamation Cost Estimate and Net Present Value
Calculation Tables

5-Year Kessel Waste Rock Stockpile Scenario

Chino Mine RCE - Earthwork Cash Flow

Component	Current Cost
Earthwork & Demo	\$ 222,996,956
Other O&M	\$ 5,949,352
Veg O&M	\$ 2,026,904
Total	\$ 230,973,212

	Earthwork			
	Earthwork	Vegetation Maint.	O&M	Total Earthwork
Year	Current Cost	Current Cost	Current Cost	Current Cost
1	1,000,000	15,000	99,757	1,114,757
2	4,000,000	15,000	99,757	4,114,757
3	11,944,275	15,000	99,757	12,059,032
4	11,944,275	15,000	100,053	12,059,328
5	11,944,275	15,000	107,467	12,066,742
6	11,944,275	72,293	111,991	12,128,559
7	11,944,275	72,293	111,991	12,128,559
8	11,944,275	72,293	111,991	12,128,559
9	11,944,275	72,293	111,991	12,128,559
10	11,944,275	72,293	112,745	12,129,313
11	11,944,275	72,293	116,143	12,132,711
12	11,944,275	72,293	126,696	12,143,264
13	11,944,275	72,293	145,217	12,161,785
14	11,944,275	72,293	135,164	12,151,732
15	11,944,275	72,293	137,506	12,154,074
16	11,944,275	72,293	143,421	12,159,989
17	11,944,275	72,293	149,971	12,166,540
18	11,944,275	72,293	151,383	12,167,951
19	11,944,275	72,293	153,592	12,170,160
20	11,944,275	72,293	154,402	12,170,970
21	3,000,000	72,293	86,373	3,158,666
22	-	72,293	86,180	158,472
23	-	72,293	84,834	157,127
24	-	72,293	81,455	153,748
25	-	72,293	76,161	148,454
26	-	72,293	74,664	146,957
27	-	72,293	74,664	146,957
28	-	72,293	68,630	140,923
29	-	72,293	68,630	140,923
30	-	72,293	68,569	140,862
31	-	72,293	67,219	139,511

32	-	72,293	67,219	139,511
33	-	-	67,219	67,219
34	-	-	67,219	67,219
35	-	-	67,219	67,219
36	-	-	67,219	67,219
37	-	-	67,219	67,219
38	-	-	67,219	67,219
39	-	-	67,219	67,219
40	-	-	68,569	68,569
41	-	-	33,609	33,609
42	-	-	33,609	33,609
43	-	-	33,609	33,609
44	-	-	33,609	33,609
45	-	-	33,609	33,609
46	-	-	33,609	33,609
47	-	-	33,609	33,609
48	-	-	33,609	33,609
49	-	-	33,609	33,609
50	-	-	34,960	34,960
51	-	-	33,609	33,609
52	-	-	33,609	33,609
53	-	-	33,609	33,609
54	-	-	33,609	33,609
55	-	-	33,609	33,609
56	-	-	33,609	33,609
57	-	-	33,609	33,609
58	-	-	33,609	33,609
59	-	-	33,609	33,609
60	-	-	34,960	34,960
61	-	-	33,609	33,609
62	-	-	33,609	33,609
63	-	-	33,609	33,609
64	-	-	33,609	33,609
65	-	-	33,609	33,609
66	-	-	33,609	33,609
67	-	-	33,609	33,609
68	-	-	33,609	33,609
69	-	-	33,609	33,609
70	-	-	34,960	34,960
71	-	-	33,609	33,609
72	-	-	33,609	33,609
73	-	-	33,609	33,609
74	-	-	33,609	33,609
75	-	-	33,609	33,609

76	-	-	33,609	33,609
77	-	-	33,609	33,609
78	-	-	33,609	33,609
79	-	-	33,609	33,609
80	-	-	34,960	34,960
81	-	-	33,609	33,609
82	-	-	33,609	33,609
83	-	-	33,609	33,609
84	-	-	33,609	33,609
85	-	-	33,609	33,609
86	-	-	33,609	33,609
87	-	-	33,609	33,609
88	-	-	33,609	33,609
89	-	-	33,609	33,609
90	-	-	34,960	34,960
91	-	-	33,609	33,609
92	-	-	33,609	33,609
93	-	-	33,609	33,609
94	-	-	33,609	33,609
95	-	-	33,609	33,609
96	-	-	33,609	33,609
97	-	-	33,609	33,609
98	-	-	33,609	33,609
99	-	-	33,609	33,609
100	-	-	34,960	34,960
Total	222,996,956	2,026,904	5,949,352	230,973,212

Chino Mine RCE - Water Management Cash Flow

	Capital Cost Subtotal	Capital Cost Indirects (30%)	O&M Costs Subtotal	O&M Indirects (17.5%)	Total Cost
Year	(\$/year)	(\$/year)	(\$/year)	(\$/year)	(\$/year)
1	\$ 2,774,260	\$ 832,278	\$ 868,762	\$ 152,033	\$ 4,627,334
2	\$ 2,242,660	\$ 672,798	\$ 677,753	\$ 118,607	\$ 3,711,817
3	\$ 2,242,660	\$ 672,798	\$ 605,171	\$ 105,905	\$ 3,626,534
4	\$ 2,242,660	\$ 672,798	\$ 599,002	\$ 104,825	\$ 3,619,285
5	\$ 2,242,660	\$ 672,798	\$ 593,014	\$ 103,777	\$ 3,612,249
6	-	-	\$ 1,287,161	\$ 225,253	\$ 1,512,415
7	-	-	\$ 1,273,147	\$ 222,801	\$ 1,495,948
8	-	-	\$ 1,258,300	\$ 220,202	\$ 1,478,502
9	-	-	\$ 1,244,003	\$ 217,700	\$ 1,461,703
10	-	-	\$ 1,232,229	\$ 215,640	\$ 1,447,869
11	-	-	\$ 1,219,768	\$ 213,459	\$ 1,433,228
12	-	-	\$ 1,209,842	\$ 211,722	\$ 1,421,565
13	-	-	\$ 1,197,754	\$ 209,607	\$ 1,407,361
14	-	-	\$ 1,184,946	\$ 207,366	\$ 1,392,312
15	-	-	\$ 1,174,796	\$ 205,589	\$ 1,380,385
16	-	-	\$ 1,168,148	\$ 204,426	\$ 1,372,574
17	-	-	\$ 1,161,866	\$ 203,327	\$ 1,365,192
18	-	-	\$ 1,155,888	\$ 202,280	\$ 1,358,168
19	-	-	\$ 1,150,247	\$ 201,293	\$ 1,351,540
20	-	-	\$ 1,144,930	\$ 200,363	\$ 1,345,293
21	-	-	\$ 1,143,345	\$ 200,085	\$ 1,343,430
22	-	-	\$ 1,128,259	\$ 197,445	\$ 1,325,704
23	-	-	\$ 1,128,018	\$ 197,403	\$ 1,325,421
24	-	-	\$ 1,127,782	\$ 197,362	\$ 1,325,144
25	-	-	\$ 1,127,551	\$ 197,321	\$ 1,324,872
26	-	-	\$ 1,127,369	\$ 197,290	\$ 1,324,659
27	-	-	\$ 1,127,143	\$ 197,250	\$ 1,324,393
28	-	-	\$ 1,126,919	\$ 197,211	\$ 1,324,129
29	-	-	\$ 1,126,742	\$ 197,180	\$ 1,323,922
30	-	-	\$ 1,126,521	\$ 197,141	\$ 1,323,662
31	-	-	\$ 1,126,349	\$ 197,111	\$ 1,323,460
32	-	-	\$ 1,126,131	\$ 197,073	\$ 1,323,204
33	-	-	\$ 1,125,963	\$ 197,044	\$ 1,323,007
34	-	-	\$ 1,125,752	\$ 197,007	\$ 1,322,759
35	-	-	\$ 1,125,592	\$ 196,979	\$ 1,322,571
36	-	-	\$ 1,125,387	\$ 196,943	\$ 1,322,330
37	-	-	\$ 1,125,228	\$ 196,915	\$ 1,322,143
38	-	-	\$ 1,125,070	\$ 196,887	\$ 1,321,957
39	-	-	\$ 1,124,866	\$ 196,852	\$ 1,321,717
40	-	-	\$ 1,124,709	\$ 196,824	\$ 1,321,533
41	-	-	\$ 1,124,554	\$ 196,797	\$ 1,321,351
42	-	-	\$ 1,124,353	\$ 196,762	\$ 1,321,115
43	-	-	\$ 1,124,201	\$ 196,735	\$ 1,320,937
44	-	-	\$ 1,124,051	\$ 196,709	\$ 1,320,760
45	-	-	\$ 1,123,856	\$ 196,675	\$ 1,320,531
46	-	-	\$ 1,123,710	\$ 196,649	\$ 1,320,360
47	-	-	\$ 1,123,566	\$ 196,624	\$ 1,320,190
48	-	-	\$ 1,123,424	\$ 196,599	\$ 1,320,023
49	-	-	\$ 1,123,284	\$ 196,575	\$ 1,319,859
50	-	-	\$ 1,123,146	\$ 196,551	\$ 1,319,696

51	-	-	\$ 1,123,009	\$ 196,527	\$ 1,319,536
52	-	-	\$ 1,122,875	\$ 196,503	\$ 1,319,378
53	-	-	\$ 1,122,695	\$ 196,472	\$ 1,319,166
54	-	-	\$ 1,122,563	\$ 196,449	\$ 1,319,012
55	-	-	\$ 1,122,434	\$ 196,426	\$ 1,318,859
56	-	-	\$ 1,122,305	\$ 196,403	\$ 1,318,708
57	-	-	\$ 1,122,178	\$ 196,381	\$ 1,318,559
58	-	-	\$ 1,122,052	\$ 196,359	\$ 1,318,411
59	-	-	\$ 1,121,928	\$ 196,337	\$ 1,318,266
60	-	-	\$ 1,121,805	\$ 196,316	\$ 1,318,121
61	-	-	\$ 1,121,684	\$ 196,295	\$ 1,317,979
62	-	-	\$ 1,120,888	\$ 196,155	\$ 1,317,044
63	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
64	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
65	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
66	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
67	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
68	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
69	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
70	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
71	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
72	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
73	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
74	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
75	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
76	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
77	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
78	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
79	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
80	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
81	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
82	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
83	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
84	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
85	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
86	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
87	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
88	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
89	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
90	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
91	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
92	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
93	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
94	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
95	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
96	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
97	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
98	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
99	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
100	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
Total	\$ 11,744,900	\$ 3,523,470	\$ 111,233,925	\$ 19,465,937	\$ 145,968,231

	Escalation Rate (Short-Term)	Escalation Rate (Long-Term)	Yr 1-10 Discount Rate	Yr 11-100 Discount Rate
Earth	3.91%	3.91%	6.50%	6.50%
Water	3.91%	3.91%	6.50%	6.50%

Component	Current Cost	NPV
Earthwork	\$230,973,212	\$178,517,128
Water Treatment	\$145,968,231	\$62,854,794
Total	\$376,941,444	\$241,371,921

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
1	1,114,757	1,114,757	4,627,334	4,627,334
2	4,114,757	4,014,689	3,711,817	3,621,549
3	12,059,032	11,479,631	3,626,534	3,452,289
4	12,059,328	11,200,730	3,619,285	3,361,600
5	12,066,742	10,935,055	3,612,249	3,273,472
6	12,128,559	10,723,780	1,512,415	1,337,241
7	12,128,559	10,462,986	1,495,948	1,290,515
8	12,128,559	10,208,534	1,478,502	1,244,446
9	12,128,559	9,960,270	1,461,703	1,200,386
10	12,129,313	9,718,648	1,447,869	1,160,110
11	12,132,711	9,484,954	1,433,228	1,120,450
12	12,143,264	9,262,336	1,421,565	1,084,306
13	12,161,785	9,050,867	1,407,361	1,047,366
14	12,151,732	8,823,457	1,392,312	1,010,967
15	12,154,074	8,610,536	1,380,385	977,932
16	12,159,989	8,405,223	1,372,574	948,750
17	12,166,540	8,205,232	1,365,192	920,699
18	12,167,951	8,006,616	1,358,168	893,686
19	12,170,160	7,813,319	1,351,540	867,697
20	12,170,970	7,623,813	1,345,293	842,682
21	3,158,666	1,930,450	1,343,430	821,050
22	158,472	94,497	1,325,704	790,513
23	157,127	91,415	1,325,421	771,124
24	153,748	87,274	1,325,144	752,213
25	148,454	82,220	1,324,872	733,770
26	146,957	79,412	1,324,659	715,809
27	146,957	77,480	1,324,393	698,261
28	140,923	72,492	1,324,129	681,145
29	140,923	70,729	1,323,922	664,476
30	140,862	68,979	1,323,662	648,189
31	139,511	66,656	1,323,460	632,329
32	139,511	65,035	1,323,204	616,832
33	67,219	30,573	1,323,007	601,741
34	67,219	29,829	1,322,759	586,997
35	67,219	29,104	1,322,571	572,640
36	67,219	28,396	1,322,330	558,612
37	67,219	27,706	1,322,143	544,950
38	67,219	27,032	1,321,957	531,623
39	67,219	26,374	1,321,717	518,600
40	68,569	26,250	1,321,533	505,918
41	33,609	12,554	1,321,351	493,546
42	33,609	12,248	1,321,115	481,457
43	33,609	11,950	1,320,937	469,685
44	33,609	11,660	1,320,760	458,202
45	33,609	11,376	1,320,531	446,981
46	33,609	11,100	1,320,360	436,054
47	33,609	10,830	1,320,190	425,395
48	33,609	10,566	1,320,023	414,997
49	33,609	10,309	1,319,859	404,854
50	34,960	10,463	1,319,696	394,960
51	33,609	9,814	1,319,536	385,308
52	33,609	9,575	1,319,378	375,893
53	33,609	9,342	1,319,166	366,692
54	33,609	9,115	1,319,012	357,733
55	33,609	8,894	1,318,859	348,993
56	33,609	8,677	1,318,708	340,466
57	33,609	8,466	1,318,559	332,149

58	33,609	8,260	1,318,411	324,035
59	33,609	8,059	1,318,266	316,120
60	34,960	8,179	1,318,121	308,398
61	33,609	7,672	1,317,979	300,866
62	33,609	7,486	1,317,044	293,341
63	33,609	7,304	1,316,555	286,100
64	33,609	7,126	1,316,555	279,143
65	33,609	6,953	1,316,555	272,354
66	33,609	6,784	1,316,555	265,731
67	33,609	6,619	1,316,555	259,268
68	33,609	6,458	1,316,555	252,963
69	33,609	6,301	1,316,555	246,811
70	34,960	6,394	1,316,555	240,809
71	33,609	5,998	1,316,555	234,953
72	33,609	5,852	1,316,555	229,239
73	33,609	5,710	1,316,555	223,664
74	33,609	5,571	1,316,555	218,225
75	33,609	5,435	1,316,555	212,918
76	33,609	5,303	1,316,555	207,740
77	33,609	5,174	1,316,555	202,687
78	33,609	5,048	1,316,555	197,758
79	33,609	4,926	1,316,555	192,949
80	34,960	4,999	1,316,555	188,257
81	33,609	4,689	1,316,555	183,678
82	33,609	4,575	1,316,555	179,211
83	33,609	4,464	1,316,555	174,853
84	33,609	4,355	1,316,555	170,601
85	33,609	4,249	1,316,555	166,452
86	33,609	4,146	1,316,555	162,404
87	33,609	4,045	1,316,555	158,454
88	33,609	3,947	1,316,555	154,601
89	33,609	3,851	1,316,555	150,841
90	34,960	3,908	1,316,555	147,173
91	33,609	3,666	1,316,555	143,594
92	33,609	3,577	1,316,555	140,102
93	33,609	3,490	1,316,555	136,694
94	33,609	3,405	1,316,555	133,370
95	33,609	3,322	1,316,555	130,127
96	33,609	3,241	1,316,555	126,962
97	33,609	3,162	1,316,555	123,874
98	33,609	3,085	1,316,555	120,862
99	33,609	3,010	1,316,555	117,923
100	34,960	3,055	1,316,555	115,055
Total	230,973,212	178,517,128	145,968,231	62,854,794

Chino Mine – GR009RE Revision 24-2

Closure-Closeout Plan Update

Reclamation Cost Estimate and Net Present Value

Calculation Tables

Full Buildout Kessel Waste Rock Stockpile Scenario

Chino Mine RCE- Earthwork Cash Flow

Component	Current Cost
Earthwork & Demo	234,212,536
Other O&M	5,983,504
Veg O&M	1,939,183
Total	242,135,223

	Earthwork			
	Earthwork	Vegetation Maint.	O&M	Total Earthwork
Year	Current Cost	Current Cost	Current Cost	Current Cost
1	1,000,000	15,000	99,757	1,114,757
2	4,000,000	15,000	99,757	4,114,757
3	12,567,363	15,000	99,757	12,682,120
4	12,567,363	15,000	99,761	12,682,124
5	12,567,363	15,000	111,677	12,694,040
6	12,567,363	69,044	111,677	12,748,084
7	12,567,363	69,044	111,677	12,748,084
8	12,567,363	69,044	111,677	12,748,084
9	12,567,363	69,044	111,677	12,748,084
10	12,567,363	69,044	112,745	12,749,152
11	12,567,363	69,044	112,475	12,748,882
12	12,567,363	69,044	126,401	12,762,807
13	12,567,363	69,044	148,217	12,784,624
14	12,567,363	69,044	145,867	12,782,274
15	12,567,363	69,044	145,867	12,782,274
16	12,567,363	69,044	152,930	12,789,337
17	12,567,363	69,044	149,998	12,786,405
18	12,567,363	69,044	153,669	12,790,076
19	12,567,363	69,044	153,669	12,790,076
20	12,567,363	69,044	154,885	12,791,292
21	3,000,000	69,044	86,451	3,155,494
22	-	69,044	86,254	155,298
23	-	69,044	86,254	155,298
24	-	69,044	82,828	151,872
25	-	69,044	77,461	146,505
26	-	69,044	71,404	140,448
27	-	69,044	71,404	140,448
28	-	69,044	68,650	137,694
29	-	69,044	68,650	137,694
30	-	69,044	68,974	138,018
31	-	69,044	67,219	136,262

32	-	69,044	67,219	136,262
33	-	-	67,219	67,219
34	-	-	67,219	67,219
35	-	-	67,219	67,219
36	-	-	67,219	67,219
37	-	-	67,219	67,219
38	-	-	67,219	67,219
39	-	-	67,219	67,219
40	-	-	68,974	68,974
41	-	-	33,609	33,609
42	-	-	33,609	33,609
43	-	-	33,609	33,609
44	-	-	33,609	33,609
45	-	-	33,609	33,609
46	-	-	33,609	33,609
47	-	-	33,609	33,609
48	-	-	33,609	33,609
49	-	-	33,609	33,609
50	-	-	35,365	35,365
51	-	-	33,609	33,609
52	-	-	33,609	33,609
53	-	-	33,609	33,609
54	-	-	33,609	33,609
55	-	-	33,609	33,609
56	-	-	33,609	33,609
57	-	-	33,609	33,609
58	-	-	33,609	33,609
59	-	-	33,609	33,609
60	-	-	35,365	35,365
61	-	-	33,609	33,609
62	-	-	33,609	33,609
63	-	-	33,609	33,609
64	-	-	33,609	33,609
65	-	-	33,609	33,609
66	-	-	33,609	33,609
67	-	-	33,609	33,609
68	-	-	33,609	33,609
69	-	-	33,609	33,609
70	-	-	35,365	35,365
71	-	-	33,609	33,609
72	-	-	33,609	33,609
73	-	-	33,609	33,609
74	-	-	33,609	33,609
75	-	-	33,609	33,609

76	-	-	33,609	33,609
77	-	-	33,609	33,609
78	-	-	33,609	33,609
79	-	-	33,609	33,609
80	-	-	35,365	35,365
81	-	-	33,609	33,609
82	-	-	33,609	33,609
83	-	-	33,609	33,609
84	-	-	33,609	33,609
85	-	-	33,609	33,609
86	-	-	33,609	33,609
87	-	-	33,609	33,609
88	-	-	33,609	33,609
89	-	-	33,609	33,609
90	-	-	35,365	35,365
91	-	-	33,609	33,609
92	-	-	33,609	33,609
93	-	-	33,609	33,609
94	-	-	33,609	33,609
95	-	-	33,609	33,609
96	-	-	33,609	33,609
97	-	-	33,609	33,609
98	-	-	33,609	33,609
99	-	-	33,609	33,609
100	-	-	35,365	35,365
Total	234,212,536	1,939,183	5,983,504	242,135,223

Chino Mine RCE - Water Management Cash Flow

	Capital Cost Subtotal	Capital Cost Indirects (30%)	O&M Costs Subtotal	O&M Indirects (17.5%)	Total Cost
Year	(\$/year)	(\$/year)	(\$/year)	(\$/year)	(\$/year)
1	\$ 2,774,260	\$ 832,278	\$ 868,762	\$ 152,033	\$ 4,627,334
2	\$ 2,242,660	\$ 672,798	\$ 677,753	\$ 118,607	\$ 3,711,817
3	\$ 2,242,660	\$ 672,798	\$ 605,171	\$ 105,905	\$ 3,626,534
4	\$ 2,242,660	\$ 672,798	\$ 599,002	\$ 104,825	\$ 3,619,285
5	\$ 2,242,660	\$ 672,798	\$ 593,014	\$ 103,777	\$ 3,612,249
6	-	-	\$ 1,287,161	\$ 225,253	\$ 1,512,415
7	-	-	\$ 1,273,147	\$ 222,801	\$ 1,495,948
8	-	-	\$ 1,258,300	\$ 220,202	\$ 1,478,502
9	-	-	\$ 1,244,003	\$ 217,700	\$ 1,461,703
10	-	-	\$ 1,232,229	\$ 215,640	\$ 1,447,869
11	-	-	\$ 1,219,768	\$ 213,459	\$ 1,433,228
12	-	-	\$ 1,209,842	\$ 211,722	\$ 1,421,565
13	-	-	\$ 1,197,754	\$ 209,607	\$ 1,407,361
14	-	-	\$ 1,184,946	\$ 207,366	\$ 1,392,312
15	-	-	\$ 1,174,796	\$ 205,589	\$ 1,380,385
16	-	-	\$ 1,168,148	\$ 204,426	\$ 1,372,574
17	-	-	\$ 1,161,866	\$ 203,327	\$ 1,365,192
18	-	-	\$ 1,155,888	\$ 202,280	\$ 1,358,168
19	-	-	\$ 1,150,247	\$ 201,293	\$ 1,351,540
20	-	-	\$ 1,144,930	\$ 200,363	\$ 1,345,293
21	-	-	\$ 1,143,345	\$ 200,085	\$ 1,343,430
22	-	-	\$ 1,128,259	\$ 197,445	\$ 1,325,704
23	-	-	\$ 1,128,018	\$ 197,403	\$ 1,325,421
24	-	-	\$ 1,127,782	\$ 197,362	\$ 1,325,144
25	-	-	\$ 1,127,551	\$ 197,321	\$ 1,324,872
26	-	-	\$ 1,127,369	\$ 197,290	\$ 1,324,659
27	-	-	\$ 1,127,143	\$ 197,250	\$ 1,324,393
28	-	-	\$ 1,126,919	\$ 197,211	\$ 1,324,129
29	-	-	\$ 1,126,742	\$ 197,180	\$ 1,323,922
30	-	-	\$ 1,126,521	\$ 197,141	\$ 1,323,662
31	-	-	\$ 1,126,349	\$ 197,111	\$ 1,323,460
32	-	-	\$ 1,126,131	\$ 197,073	\$ 1,323,204
33	-	-	\$ 1,125,963	\$ 197,044	\$ 1,323,007
34	-	-	\$ 1,125,752	\$ 197,007	\$ 1,322,759
35	-	-	\$ 1,125,592	\$ 196,979	\$ 1,322,571
36	-	-	\$ 1,125,387	\$ 196,943	\$ 1,322,330
37	-	-	\$ 1,125,228	\$ 196,915	\$ 1,322,143
38	-	-	\$ 1,125,070	\$ 196,887	\$ 1,321,957
39	-	-	\$ 1,124,866	\$ 196,852	\$ 1,321,717
40	-	-	\$ 1,124,709	\$ 196,824	\$ 1,321,533
41	-	-	\$ 1,124,554	\$ 196,797	\$ 1,321,351
42	-	-	\$ 1,124,353	\$ 196,762	\$ 1,321,115
43	-	-	\$ 1,124,201	\$ 196,735	\$ 1,320,937
44	-	-	\$ 1,124,051	\$ 196,709	\$ 1,320,760
45	-	-	\$ 1,123,856	\$ 196,675	\$ 1,320,531
46	-	-	\$ 1,123,710	\$ 196,649	\$ 1,320,360
47	-	-	\$ 1,123,566	\$ 196,624	\$ 1,320,190
48	-	-	\$ 1,123,424	\$ 196,599	\$ 1,320,023
49	-	-	\$ 1,123,284	\$ 196,575	\$ 1,319,859
50	-	-	\$ 1,123,146	\$ 196,551	\$ 1,319,696

51	-	-	\$ 1,123,009	\$ 196,527	\$ 1,319,536
52	-	-	\$ 1,122,875	\$ 196,503	\$ 1,319,378
53	-	-	\$ 1,122,695	\$ 196,472	\$ 1,319,166
54	-	-	\$ 1,122,563	\$ 196,449	\$ 1,319,012
55	-	-	\$ 1,122,434	\$ 196,426	\$ 1,318,859
56	-	-	\$ 1,122,305	\$ 196,403	\$ 1,318,708
57	-	-	\$ 1,122,178	\$ 196,381	\$ 1,318,559
58	-	-	\$ 1,122,052	\$ 196,359	\$ 1,318,411
59	-	-	\$ 1,121,928	\$ 196,337	\$ 1,318,266
60	-	-	\$ 1,121,805	\$ 196,316	\$ 1,318,121
61	-	-	\$ 1,121,684	\$ 196,295	\$ 1,317,979
62	-	-	\$ 1,120,888	\$ 196,155	\$ 1,317,044
63	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
64	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
65	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
66	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
67	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
68	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
69	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
70	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
71	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
72	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
73	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
74	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
75	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
76	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
77	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
78	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
79	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
80	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
81	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
82	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
83	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
84	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
85	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
86	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
87	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
88	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
89	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
90	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
91	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
92	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
93	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
94	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
95	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
96	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
97	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
98	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
99	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
100	-	-	\$ 1,120,472	\$ 196,083	\$ 1,316,555
Total	\$ 11,744,900	\$ 3,523,470	\$ 111,233,925	\$ 19,465,937	\$ 145,968,231

	Escalation Rate (Short-Term)	Escalation Rate (Long-Term)	Yr 1-10 Discount Rate	Yr 11-100 Discount Rate
Earth	3.91%	3.91%	6.50%	6.50%
Water	3.91%	3.91%	6.50%	6.50%

Component	Current Cost	NPV
Earthwork	\$242,135,223	\$187,214,787
Water Treatment	\$145,968,231	\$62,854,794
Total	\$388,103,454	\$250,069,581

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
1	1,114,757	1,114,757	4,627,334	4,627,334
2	4,114,757	4,014,689	3,711,817	3,621,549
3	12,682,120	12,072,781	3,626,534	3,452,289
4	12,682,124	11,779,184	3,619,285	3,361,600
5	12,694,040	11,503,522	3,612,249	3,273,472
6	12,748,084	11,271,549	1,512,415	1,337,241
7	12,748,084	10,997,433	1,495,948	1,290,515
8	12,748,084	10,729,984	1,478,502	1,244,446
9	12,748,084	10,469,039	1,461,703	1,200,386
10	12,749,152	10,215,296	1,447,869	1,160,110
11	12,748,882	9,966,656	1,433,228	1,120,450
12	12,762,807	9,734,896	1,421,565	1,084,306
13	12,784,624	9,514,387	1,407,361	1,047,366
14	12,782,274	9,281,298	1,392,312	1,010,967
15	12,782,274	9,055,584	1,380,385	977,932
16	12,789,337	8,840,241	1,372,574	948,750
17	12,786,405	8,623,275	1,365,192	920,699
18	12,790,076	8,415,979	1,358,168	893,686
19	12,790,076	8,211,309	1,351,540	867,697
20	12,791,292	8,012,377	1,345,293	842,682
21	3,155,494	1,928,511	1,343,430	821,050
22	155,298	92,604	1,325,704	790,513
23	155,298	90,352	1,325,421	771,124
24	151,872	86,210	1,325,144	752,213
25	146,505	81,140	1,324,872	733,770
26	140,448	75,894	1,324,659	715,809
27	140,448	74,049	1,324,393	698,261
28	137,694	70,831	1,324,129	681,145
29	137,694	69,108	1,323,922	664,476
30	138,018	67,587	1,323,662	648,189
31	136,262	65,104	1,323,460	632,329
32	136,262	63,521	1,323,204	616,832
33	67,219	30,573	1,323,007	601,741
34	67,219	29,829	1,322,759	586,997
35	67,219	29,104	1,322,571	572,640
36	67,219	28,396	1,322,330	558,612
37	67,219	27,706	1,322,143	544,950
38	67,219	27,032	1,321,957	531,623
39	67,219	26,374	1,321,717	518,600
40	68,974	26,405	1,321,533	505,918
41	33,609	12,554	1,321,351	493,546
42	33,609	12,248	1,321,115	481,457
43	33,609	11,950	1,320,937	469,685
44	33,609	11,660	1,320,760	458,202
45	33,609	11,376	1,320,531	446,981
46	33,609	11,100	1,320,360	436,054
47	33,609	10,830	1,320,190	425,395
48	33,609	10,566	1,320,023	414,997
49	33,609	10,309	1,319,859	404,854
50	35,365	10,584	1,319,696	394,960
51	33,609	9,814	1,319,536	385,308
52	33,609	9,575	1,319,378	375,893
53	33,609	9,342	1,319,166	366,692
54	33,609	9,115	1,319,012	357,733
55	33,609	8,894	1,318,859	348,993
56	33,609	8,677	1,318,708	340,466
57	33,609	8,466	1,318,559	332,149

58	33,609	8,260	1,318,411	324,035
59	33,609	8,059	1,318,266	316,120
60	35,365	8,274	1,318,121	308,398
61	33,609	7,672	1,317,979	300,866
62	33,609	7,486	1,317,044	293,341
63	33,609	7,304	1,316,555	286,100
64	33,609	7,126	1,316,555	279,143
65	33,609	6,953	1,316,555	272,354
66	33,609	6,784	1,316,555	265,731
67	33,609	6,619	1,316,555	259,268
68	33,609	6,458	1,316,555	252,963
69	33,609	6,301	1,316,555	246,811
70	35,365	6,469	1,316,555	240,809
71	33,609	5,998	1,316,555	234,953
72	33,609	5,852	1,316,555	229,239
73	33,609	5,710	1,316,555	223,664
74	33,609	5,571	1,316,555	218,225
75	33,609	5,435	1,316,555	212,918
76	33,609	5,303	1,316,555	207,740
77	33,609	5,174	1,316,555	202,687
78	33,609	5,048	1,316,555	197,758
79	33,609	4,926	1,316,555	192,949
80	35,365	5,057	1,316,555	188,257
81	33,609	4,689	1,316,555	183,678
82	33,609	4,575	1,316,555	179,211
83	33,609	4,464	1,316,555	174,853
84	33,609	4,355	1,316,555	170,601
85	33,609	4,249	1,316,555	166,452
86	33,609	4,146	1,316,555	162,404
87	33,609	4,045	1,316,555	158,454
88	33,609	3,947	1,316,555	154,601
89	33,609	3,851	1,316,555	150,841
90	35,365	3,953	1,316,555	147,173
91	33,609	3,666	1,316,555	143,594
92	33,609	3,577	1,316,555	140,102
93	33,609	3,490	1,316,555	136,694
94	33,609	3,405	1,316,555	133,370
95	33,609	3,322	1,316,555	130,127
96	33,609	3,241	1,316,555	126,962
97	33,609	3,162	1,316,555	123,874
98	33,609	3,085	1,316,555	120,862
99	33,609	3,010	1,316,555	117,923
100	35,365	3,091	1,316,555	115,055
Total	242,135,223	187,214,787	145,968,231	62,854,794