



Homestake Mining Company of California

P.O. Box 98
Grants, NM 87020

Tel +1 505 287 4456
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March 30, 2021

ATTN: Document Control Desk

Document Control
U.S. Nuclear Regulatory Commission,
Washington, DC 20555-0001

ATTN: Mr. Ron C. Linton

Project Manager / Hydrogeologist
U.S. Nuclear Regulatory Commission
Decommissioning, Uranium Recovery & Waste Programs
Office of Nuclear Materials Safety and Safeguards
MS T-5A10, 11545 Rockville Pike
Rockville, MD 20852

**RE: 2021 Financial Surety, In Accordance with Nuclear Regulatory Commission Docket
No. 40-8903, License No. SUA 1471**

Mr. Linton:

Pursuant to US Nuclear Regulatory Commission License SUA-1471, Docket 40-8903, License Condition 28, please find the enclosed financial surety package regarding the estimated closure guarantee for 2021 for the Homestake's Grants Reclamation Project.

The enclosed package includes:

1. Revised Parent Company Guarantee
2. An attestation from Graham Shuttleworth, Senior Executive Vice President and Chief Financial Officer of Barrick Gold Corporation ("Barrick")(the Parent Company of Homestake Mining Company of California)
3. Supporting documentation from Price Waterhouse Coopers verifying the accuracy of Barrick's financial strength
4. Homestake's Closure Cost Estimate

The enclosed Closure Cost Estimate is based upon the schedule presented in the 2020 Groundwater Corrective Action Program (ML20358A192). Since this document is currently undergoing acceptance review, the proposed 2021 financial surety amount was calculated as shown below:

2018 Approved Financial Surety Amount	\$83,455,824
Inflation rate of 1.06 (CPI-based)	\$5,007,349
Work Performed in 2020 (394 wells abandoned at \$1890/well)	\$(744,660)
Proposed 2021 Adjusted Financial Surety Amount	\$87,718,513

Thank you for your time and attention on this matter. If you have any questions, please contact me via e-mail at bbingham@homestakeminingcoca.com or via phone at 505.290.8019.

Respectfully,

A handwritten signature in blue ink, reading "Brad R. Bingham".

Brad R. Bingham
Closure Manager
Homestake Mining Company, Grants, New Mexico
Office: 505.287.4456 x35 | Cell: 505.290.8019

BRB/ada

cc: B. Tsosie, DOE, Grand Junction, Colorado
M. Purcell, Region VI EPA, Dallas, Texas
C. Thompson, NMSEO, Albuquerque, New Mexico
C. Burrus, NMSEO, Albuquerque, New Mexico
M. McCarthy, Barrick, Salt Lake City, Utah
D. Lattin, Barrick, Elko, Nevada

**BARRICK GOLD CORPORATION
GRANTS OPERATION
AMENDED AND RESTATED
PARENT COMPANY GUARANTY**

AMENDED AND RESTATED PARENT COMPANY GUARANTY made and effective as of **March 31, 2016** (the "**Effective Date**") by BARRICK GOLD CORPORATION, an Ontario corporation having its principal place of business at BCE Place, Canada Trust Tower, Suite 3700, 161 Bay Street, Toronto, Ontario, Canada M5J 2S1 ("**Guarantor**") on behalf of its subsidiary, HOMESTAKE MINING COMPANY OF CALIFORNIA, whose mailing address is P.O. Box 98, Grants, New Mexico 87020, and whose street address is State Road 605, Milan, NM 87021, to the UNITED STATES NUCLEAR REGULATORY COMMISSION, an agency of the United States Government ("**NRC**").

Recitals

This Amended and Restated Guaranty is made by Guarantor to NRC to comply with regulations issued by NRC pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, and the Uranium Milling Tailings Radiation Control Act of 1978.

NRC has promulgated regulations in Title 10, Chapter 1 of the Code of Federal Regulations, Part 40, Appendix A, Criteria 9 and 10 requiring that a licensee of a uranium recovery facility provide assurance that funds will be available when needed in accordance with the approved Reclamation and Decommissioning Plan and also for any long-term surveillance and control of the uranium recovery facility.

Homestake Mining Company of California ("**Licensee**") is a wholly-owned subsidiary of Guarantor and holds the license SUA 1471 ("**License**") for the Milan Mill uranium recovery facilities ("**Facilities**").

Guarantor entered into a Parent Company Guaranty for the Facilities, on behalf of Licensee, effective March 31, 2003. Guarantor and Licensee desire to amend and restate the Parent Company Guaranty, dated March 31, 2003 and to have this Amended and Restated Parent Company Guaranty supersede and replace the Parent Company Guaranty, dated March 31, 2003.

Representations and Warranties

THEREFORE, Guarantor hereby agrees, represents, and warrants to NRC and its successors and assigns knowing that they will rely and continue to rely thereon:

1. Guarantor has full authority and capacity to enter into this Guaranty under its bylaws, articles of incorporation, and the laws of Ontario. Guarantor has been authorized by the Executive Committee of its Board of Directors to enter into this Guaranty.
2. Based on its audited balance sheet, Guarantor meets or exceeds the following financial criteria:

(i) Guarantor's tangible net worth and net working capital are each equal to or greater than six times the sum of the current cost estimates for decommissioning, decontamination, reclamation, stabilization, and long-term surveillance and control required by the License; and

(ii) Guarantor's assets located in the United States amount to at least 90 percent of its total assets or at least six times the amount of the current NRC-approved cost estimates for decommissioning, reclamation, and any long-term surveillance and control required by the License; and

(iii) Guarantor meets two of the following ratios: a ratio of total liabilities to net worth less than 2.0; a ratio of the sum of net income plus depreciation, depletion, and amortization to total liabilities greater than 0.1; and a ratio of current assets to current liabilities greater than 1.5; and

(iv) Guarantor's tangible net worth is at least \$20 million dollars.

3. Guarantor, through subsidiaries, owns 100% of the voting stock of the Licensee Homestake Mining Company of California, a California corporation having its principal place of business, c/o Barrick Gold of North America Inc., 460 West 50 North, Suite 500, Salt Lake City, UT 84101, owner and operator of the Milan Mill, License SUA 1471.

4. **"Reclamation and Decommissioning Plans"** as used below refers to the plans maintained as required by 10 CFR Part 40, Appendix A, for the decommissioning, reclamation, and long-term surveillance and control of facilities identified above.

Covenants

5. Pursuant to the authority conferred upon Guarantor by a unanimous resolution of the Executive Committee of its Board of Directors dated June 18, 2002, a certified copy of which is attached as *Schedule A*, Guarantor guarantees to NRC that in the event the Licensee fails to perform the activities required in the NRC approved Reclamation and Decommissioning Plan, as required by the License, Guarantor shall:

(a) Carry out the required activities; or

(b) Set up a trust fund in favor of NRC, its successors, or assigns in the amount of these current NRC-approved cost estimates for these activities; and

(c) In addition, Guarantor shall cover the eventual payment of the amount for long-term surveillance and control, if any, as required by 10 CFR Part 40, Appendix A.

6. Guarantor agrees to submit audited financial statements within 90 days of the close of each of Guarantor's fiscal years in such form and with such content consistent with generally accepted accounting principles then in effect as NRC may reasonably request.

7. Guarantor agrees that if, at the end of any fiscal year before termination of this Guaranty, based on generally accepted accounting principles, Guarantor fails to meet the financial test criteria,

Guarantor shall send within 60 days, by certified mail, notice to the NRC and to Licensee that it intends to provide alternate financial assurance as specified in Appendix A of 10 CFR Part 40, in the name of Licensee. Within 90 days after the end of the fiscal year, Guarantor shall establish such financial assurance unless Licensee has done so.

8. Guarantor also agrees to notify NRC promptly if the ownership of Licensee or Guarantor is transferred and to maintain this Guaranty until the new parent firm of Licensee provides alternate financial assurance acceptable to NRC.

9. Guarantor agrees to notify NRC, by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code naming Guarantor as debtor, within 10 days after commencement of the proceeding.

10. Guarantor agrees that within 30 days after being notified by NRC of a determination that Guarantor no longer meets the financial test criteria or that it is disallowed from continuing as a Guarantor for the Facilities under the License, it shall establish an alternate financial assurance, as specified in 10 CFR Part 40, Appendix A, as applicable in the name of Licensee, unless Licensee has done so.

11. Guarantor as well as its successors and assigns agrees to remain bound jointly and severally under this Guaranty notwithstanding any or all of the following: amendment or modification of license or NRC-approved Reclamation and Decommissioning Plan for that facility, the extension or reduction of the time of performance of reclamation, decommissioning, and or for long-term surveillance and control or any other modification or alteration of an obligation of the Licensee pursuant to 10 CFR Part 40.

12. Guarantor agrees to remain bound under this Guaranty for so long as Licensee must comply with the applicable financial assurance requirements of 10 CFR Part 40, Appendix A, for the Facilities, except that Guarantor may cancel this Guaranty by sending notice by certified mail to the NRC and to Licensee, such cancellation to become effective no earlier than 120 days after receipt of such notice by both NRC and Licensee, as evidenced by the return receipts.

13. Guarantor agrees that if Licensee fails to provide alternate financial assurance as specified in 10 CFR Part 40, Appendix A as applicable, and to obtain written approval of such assurance from the NRC within 90 days after a notice of cancellation by the Guarantor is received by the NRC from the Guarantor, Guarantor shall provide such alternate financial assurance in the name of Licensee or make full payment under the Guaranty.

14. Guarantor and Licensee agree that all bound parties shall be jointly and severally liable for all reasonable litigation costs incurred by NRC in any successful effort to enforce the agreement against Guarantor or Licensee or any of them.

15. Guarantor expressly waives notice of acceptance of this Guaranty by the NRC or by Licensee. Guarantor also expressly waives notice of amendments or modifications by the Reclamation and Decommissioning Plan and of amendments or modifications of the license.


16. If Guarantor files financial reports with the U.S. Securities and Exchange Commission, then it shall promptly submit them to NRC during each year in which this Guaranty is in effect.

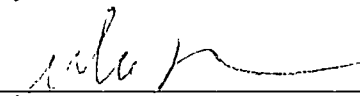
EFFECTIVE DATE: March 31, 2016

I hereby certify on behalf of the Guarantor and not in my personal capacity that the representations and warranties contained in this guarantee are true and correct to the best of my knowledge.

GUARANTOR: Barrick Gold Corporation
 BCE Place, Canada Trust Tower
 161 Bay Street, Suite 3700
 Toronto, Ontario, Canada M5J 2S1

BARRICK GOLD CORPORATION

By: 
Name: SHAUN USMAN
Title: SEVP + CFO

By: 
Name: Julie Robertson
Title: VP Controller

PROVINCE OF ONTARIO)
: ss.
CITY OF TORONTO)

On this 28th day of March, 2016, before me, Andrew Hastings, the undersigned officer, personally appeared Shawn Usman, who acknowledged her [her/him]self to be EvP + CFO of **Barrick Gold Corporation**, an Ontario corporation, and [she/he], as such officer being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by [her/him]self as such officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission does not Expire:

Andrew Hastings
Notary Public
Residing At: Oakville

PROVINCE OF ONTARIO)
: ss.
CITY OF TORONTO)

On this 28th day of March, 2016, before me, Andrew Hastings, the undersigned officer, personally appeared Julie Robertson, who acknowledged her [her/him]self to be VP + Controller of **Barrick Gold Corporation**, an Ontario corporation, and [she/he], as such officer being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by [her/him]self as such officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission does not Expire:

Andrew Hastings
Notary Public
Residing At: Oakville

I hereby certify on behalf of the Licensee and not in my personal capacity that the representations and warranties contained in this guarantee are true and correct to the best of my knowledge.

LICENSEE: HOMESTAKE MINING COMPANY OF CALIFORNIA
Grants Operation
P. O. Box 98
Grants, New Mexico 87020

LICENSE #: SUA 1471

HOMESTAKE MINING COMPANY OF CALIFORNIA

By: 
Name: **Peter Webster**
Title: **Director**

By: 
Name: **Paul D. Judd**
Title: **CFO & Tax Director**

STATE OF Utah)

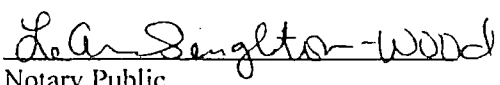
: ss.

COUNTY OF Salt Lake)

On this 28th day of March, 2016, before me, LeAnn Singleton-Wood, the undersigned officer, personally appeared Peter Webster, who acknowledged [her/him]self to be Director of Homestake Mining Company of California, a Delaware corporation, and she/he as such officer being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by [her/him]self as such officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires:
Sep 2, 2019


Notary Public
Residing At:
Salt Lake City, UT



STATE OF Utah)

: ss.

COUNTY OF Salt Lake)

On this 28th day of March, 2016, before me, LeAnn Singleton-Wood the undersigned officer, personally appeared Paul D. Judd, who acknowledged [her(him)self] to be CFO & Tax Director of Homestake Mining Company of California, a Delaware corporation, and she/he, as such officer being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by [her(him)self] as such officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires:

Sep 2, 2019

LeAnn Singleton-Wood

Notary Public

Residing At:

Salt Lake City UT



Schedule A

**Resolution dated June 18, 2002
Executive Committee, Board of Directors, Barrick Gold Corporation,**

BARRICK GOLD CORPORATION

Resolutions of the Executive Committee of the Board of Directors

Grants Guarantee

WHEREAS Homestake Mining Company of California ("HMCOC"), an indirect wholly-owned subsidiary of Barrick Gold Corporation (the "Corporation"), holds license SUA 1471 (the "License") for the Milan Mill and uranium recovery facilities (the "Facilities") located at Grants, New Mexico;

AND WHEREAS the United States Nuclear Regulatory Commission (the "NRC") has promulgated regulations in Title 10, Chapter 1 of the Code of Federal Regulations, Part 40, Appendix A, Criteria 9 and 10, requiring that a licensee of a uranium recovery facility provide assurance that funds will be available when needed in accordance with the approved Reclamation and Decommissioning Plan and for any long-term surveillance and control at the uranium recovery facility;

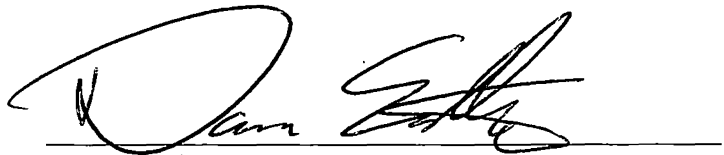
AND WHEREAS, in order to provide the necessary financial assurance, the Corporation proposes to guarantee the obligations of HMCOC pursuant to the Reclamation and Decommissioning Plan for the Facilities (the "Plan");

NOW THEREFORE BE IT RESOLVED THAT:

1. the Corporation is hereby authorized to enter into a guarantee in favour of the NRC, pursuant to which the Corporation guarantees to the NRC that in the event HMCOC fails to perform the activities required in the Plan, as required by the License, the Corporation will:
 - (a) carry out the required activities, or
 - (b) set up a trust fund in favour of the NRC, its successors and assigns, in the amount of the NRC approved cost estimates for the activities, and
 - (c) cover the eventual payment of the amount required for long-term surveillance and control, if any, as required by 10 CFR Part 40, Appendix A.
2. Any officer of the Corporation is hereby authorized to take all actions and to execute and deliver all documents and instruments, including without limitation the required form of guarantee, which such officer may determine necessary or desirable to give effect and purpose to the foregoing resolutions, such determination being conclusively evidenced by the performance of such acts or the execution of such documents or instruments by such officer.

I, Dana Easthope, the Vice-President & Corporate Secretary of Barrick Gold Corporation (the "Corporation"), hereby certify that the foregoing is a true and correct copy of a resolution passed by the Executive Committee of the Board of Directors of the Corporation on June 18, 2002, which as at the date hereof remains in full force and effect, unamended and unrevoked.

DATED this 18th day of March, 2016.

A handwritten signature in black ink, appearing to read "Dana Easthope", is written over a horizontal line.

Dana Easthope
Vice-President & Corporate Secretary

March 29, 2021

ATTN: Document Control Desk

U.S. Nuclear Regulatory Commission,
Washington, DC 20555-0001

ATTN: Mr. Ron Linton, Project Manager

U.S. Nuclear Regulatory Commission (Mail Stop: T-5A10)
Decommissioning, Uranium Recovery & Waste Programs
Office of Nuclear Materials Safety and Safeguards
11545 Rockville Pike
Rockville, MD 20852

Re: Docket # 40-8903, License # SUA-1471
Financial Test to Demonstrate Financial Assurance

Dear Mr. Linton:

I am the Senior Executive Vice President, Chief Financial Officer of Barrick Gold Corporation, an Ontario Corporation having a principal place of business at Brookfield Place, TD Canada Trust Tower, Suite 3700, 161 Bay Street, Toronto, ON, Canada M5J 2S1 ("Barrick" and "Guarantor"). This letter is in support of Barrick's use of the financial test set forth in 10 CFR Part 30, Appendix A to demonstrate financial assurance, as required by 10 CFR Part 40, Appendix A Criteria 9.

Homestake Mining Company of California ("Licensee") is a wholly owned subsidiary of Guarantor and holds the license SUA 1471 ("License") for the Grants Mill Uranium recovery facility ("Facility"). The Facility is a closed property at which the remaining activities are decommissioning, reclamation and long-term surveillance and control.

Homestake guarantees, through the parent company guarantee submitted for compliance under 10 CFR Part 40, Appendix A, the decommissioning reclamation and long-term surveillance and control of the Licensee's facilities. The cost estimate for reclamation, decommissioning and long-term surveillance and control so guaranteed for these facilities is \$87,718,513.

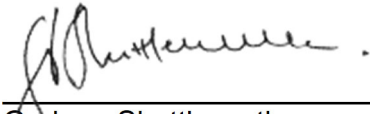
I further attest that the Licensee for which this parent company guarantee is being made has a positive tangible net worth.

Guarantor is required to file, and has filed, a Form 6-K with the Securities and Exchange Commission ("SEC") for the year 2020.

The fiscal year for Barrick ends December 31. The figures for the following items marked with an asterisk are contained in or derived from Barrick's independently audited, year-end financial statements and footnotes for the latest completed fiscal year ended in December 31, 2020. These financial statements can be found in our 2020 Year-end Report at:

<https://www.barrick.com/investors/quarterly-reports/default.aspx>

I hereby certify that the content of this letter is true and correct to the best of my knowledge.



Graham Shuttleworth
Senior Executive Vice President, Chief Financial Officer

March 29, 2021

Date

Copy To:

Document Control Desk, NRC, Washington, DC (w/encl.)
B. Tsosie, DOE, Grand Junction , CO (electronic copy)
K. Vollbrecht, NMED, Santa Fe, New Mexico (electronic copy)
M. Purcell, EPA, Region VI, Dallas, Texas (electronic copy)
M. McCarthy, Barrick, Salt Lake City, Utah (electronic copy)
D. Lattin, Barrick, Elko, Nevada (electronic copy)

HOMESTAKE MINING COMPANY OF CALIFORNIA
FINANCIAL TEST TO DEMONSTRATE FINANCIAL ASSURANCE
(In millions of US dollars)

1. Sum of decommissioning, reclamation and long -term Surveillance and control estimates for facilities SUA 1471.	\$ 88
2. Total liabilities (excluding Grants reclamation accrual).	\$ 14,708
3. Tangible Net Worth (excluding Grants reclamation accrual).	\$ 26,860
4. Total Net Worth (excluding Grants reclamation accrual).	\$ 31,798
5. Current Assets	\$ 8,143
6. Current Liabilities	\$ 2,220
7. Net Working Capital (line 5 minus 6)	\$ 5,923
8. The sum of net income (loss) plus depreciation ¹	\$ 5,822
9. *Total Assets in U.S.* (required only if less than 90 percent of firm's assets are located in the U.S.).	\$ 16,233

Denotes figures contained in or derived from Barrick Gold Corporation's December 31, 2020 consolidated financial statements.

¹ \$2,208 of depreciation was added back to net income

Financial test set forth in 10 CFR Part 30, Appendix A. To pass the financial test, the parent company must meet the criteria of either paragraph A.1 or A.2 of this section.

	Yes	No
A.1		
(i) Guarantor must pass two of the following three tests.		
Are total liabilities (line 2) divided by net worth (line 4) less than 2.0?	X	
Is net income plus depreciation (line 8) divided by total liabilities (line 2) greater than 0.1?	X	
Are current assets (line 5) divided by current liabilities (line 6) greater than 1.5?	X	
(ii) Is net working capital (line 7) at least 6 times the site cost estimate (line 1)? AND	X	
Is tangible net worth (line 3) at least 6 times the site cost estimate (line 1)?	X	
(iii) Is tangible net worth (line 3) at least \$21 million?	X	
(iv) Are 90% of firms assets in US?		X
If not, are the total assets in U.S. (line 9) at least 6 times the site cost estimate (line 1)?	X	
A.2 SINCE BARRICK PASSED A.1, WE HAVE NOT PERFORMED A.2		
(i) A current rating for its most recent uninsured, uncollateralized, and unencumbered bond issuance of AAA, AA, A, or BBB (including adjustments of + and -) as issued by Standard and Poor's or Aaa, Aa, A, or Baa (including adjustment of 1, 2, or 3) as issued by Moody's;		
(ii) Is total net worth (line 4) at least 6 times the site cost estimate (line 1)?		
(iii) Is tangible net worth (line 3) at least \$21 million?		
(iv) Are 90% of firms assets in US?		
If not, are the total assets in U.S. (line 9) at least 6 times the site cost estimate (line 1)?		

Consolidated Balance Sheets

Barrick Gold Corporation
As at December 31 (in millions of United States dollars)

	2020	2019
ASSETS		
Current assets		
Cash and equivalents (note 25a)	\$ 5,188	\$ 3,314
Accounts receivable (note 18)	558	363
Inventories (note 17)	1,878	2,289
Other current assets (note 18)	519	565
Total current assets (excluding assets classified as held-for-sale)	8,143	6,531
Assets classified as held-for-sale (note 4)	–	356
Total current assets	8,143	6,887
Non-current assets		
Non-current portion of inventory (note 17)	2,566	2,300
Equity in investees (note 16)	4,670	4,527
Property, plant and equipment (note 19)	24,628	24,141
Intangible assets (note 20a)	169	226
Goodwill (note 20b)	4,769	4,769
Deferred income tax assets (note 30)	98	235
Other assets (note 22)	1,463	1,307
Total assets	\$ 46,506	\$ 44,392
LIABILITIES AND EQUITY		
Current liabilities		
Accounts payable (note 23)	\$ 1,458	\$ 1,155
Debt (note 25b)	20	375
Current income tax liabilities	436	224
Other current liabilities (note 24)	306	622
Total current liabilities	2,220	2,376
Non-current liabilities		
Debt (note 25b)	5,135	5,161
Provisions (note 27)	3,139	3,114
Deferred income tax liabilities (note 30)	3,034	3,091
Other liabilities (note 29)	1,268	823
Total liabilities	14,796	14,565
Equity		
Capital stock (note 31)	29,236	29,231
Deficit	(7,949)	(9,722)
Accumulated other comprehensive loss	14	(122)
Other	2,040	2,045
Total equity attributable to Barrick Gold Corporation shareholders	23,341	21,432
Non-controlling interests (note 32)	8,369	8,395
Total equity	31,710	29,827
Contingencies and commitments (notes 2, 17, 19 and 36)		
Total liabilities and equity	\$ 46,506	\$ 44,392

The accompanying notes are an integral part of these consolidated financial statements.

Signed on behalf of the Board,



Mark Bristow, Director



J. Brett Harvey, Director

Consolidated Statements of Income

Barrick Gold Corporation		
For the years ended December 31 (in millions of United States dollars, except per share data)		
	2020	2019
Revenue (notes 5 and 6)	\$ 12,595	\$ 9,717
Costs and expenses		
Cost of sales (notes 5 and 7)	7,417	6,911
General and administrative expenses (note 11)	185	212
Exploration, evaluation and project expenses (notes 5 and 8)	295	342
Impairment reversals (note 10)	(269)	(1,423)
Loss on currency translation	50	109
Closed mine rehabilitation (note 27b)	90	5
Income from equity investees (note 16)	(288)	(165)
Other (income) expense (note 9)	(178)	(3,100)
Income before finance items and income taxes	5,293	6,826
Finance costs, net (note 14)	(347)	(469)
Income before income taxes	4,946	6,357
Income tax expense (note 12)	(1,332)	(1,783)
Net income	\$ 3,614	\$ 4,574
Attributable to:		
Equity holders of Barrick Gold Corporation	\$ 2,324	\$ 3,969
Non-controlling interests (note 32)	\$ 1,290	\$ 605
Earnings (loss) per share data attributable to the equity holders of Barrick Gold Corporation (note 13)		
Net income		
Basic	\$ 1.31	\$ 2.26
Diluted	\$ 1.31	\$ 2.26

The accompanying notes are an integral part of these consolidated financial statements.



March 29, 2021

Mr. Graham Shuttleworth
Senior Executive Vice-President, Chief Financial Officer
Barrick Gold Corporation
Brookfield Place
TD Canada Trust Tower
161 Bay Street, Suite 3700
PO Box 212
Toronto ON M5J 2S1

Dear Mr. Shuttleworth:

As agreed with you, we have performed the procedures enumerated below, with respect to Items 2 through 9 and A.1 (i) to (iv) in the schedule attached to the letter from Barrick Gold Corporation (Barrick) to the U.S. Nuclear Regulatory Commission (NRC), dated March 29, 2021, in support of Barrick's use of the financial test set forth in 10 CFR Part 30, Appendix A, to demonstrate financial assurance as required by 10 CFR Part 40, Appendix A Criteria 9 (the filing). This letter is furnished solely for filing with the NRC in accordance with these regulations and is not to be used for any other purpose. The procedures that we performed are summarized below:

1. We compared the amounts included in items 5 and 6 in the schedule attached to the letter from you to the NRC (the schedule) with the total current assets and total current liabilities included in the audited consolidated financial statements of Barrick Gold Corporation as at and for the year ended December 31, 2020, prepared in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board (IFRS) (the audited consolidated financial statements), and found the amounts to be in agreement.
2. In respect of Items 2 through 9 in the schedule attached to the letter from Barrick to the NRC, we performed the following:
 - a. We agreed the amount included in item 2 by subtracting the grants reclamation accrual (item 1 in the schedule) from the total liabilities included in the audited consolidated financial statements, and found the amount to be in agreement with Barrick management's calculation.
 - b. We agreed the amount included in item 3 in the schedule, by subtracting goodwill, intangible assets and total liabilities included in the audited consolidated financial statements from total assets included in the audited consolidated financial statements and adding item 1 in the schedule, and found the amount to be in agreement with Barrick management's calculation.
 - c. We agreed the amount included in item 4 in the schedule, by adding item 1 in the schedule to total equity in the audited consolidated financial statements, and found the amount to be in agreement with Barrick management's calculation.
 - d. We agreed the amount included in item 7 in the schedule by subtracting item 6 in the schedule from item 5 in the schedule, and found the amount to be in agreement with Barrick management's calculation.

PricewaterhouseCoopers LLP
PwC Tower, 18 York Street, Suite 2600, Toronto, Ontario, Canada M5J 0B2
T: +1 416 863 1133, F: +1 416 365 8215, www.pwc.com/ca

"PwC" refers to PricewaterhouseCoopers LLP, an Ontario limited liability partnership.



- e. We agreed the amount included in item 8 in the schedule by adding depreciation included in Note 7 of the audited consolidated financial statements to the net income included in the audited consolidated financial statements, and found the amount to be in agreement with Barrick management's calculation.
- f. We agreed item 9 in the schedule to the non-current assets in the United States included in Note 5 to the audited consolidated financial statements, and found the amount to be in agreement.
- g. We recomputed the calculations supporting Barrick's responses to items A.1 (i) through (iv) in the schedule, as noted below:
 - i. For A.1 (i) question 1, we divided item 2 in the schedule by item 4 in the schedule and confirmed that the result is less than 2.0.
 - ii. For A.1 (i) question 2, we divided item 8 in the schedule by item 2 in the schedule and confirmed that the result is greater than 0.1.
 - iii. For A.1 (i) question 3, we divided item 5 in the schedule by item 6 in the schedule and confirmed that the result is greater than 1.5.
 - iv. For A.1 (ii) question 1, we divided item 7 in the schedule by item 1 in the schedule and confirmed that the result is at least 6.0 times item 1.
 - v. For A.1 (ii) question 2, we divided item 3 in the schedule by item 1 in the schedule and confirmed that the result is at least 6.0 times item 1.
 - vi. For A.1 (iii) we confirmed that item 3 in the schedule is at least \$21 million.
 - vii. For A.1 (iv) question 1, we divided item 9 in the schedule by total assets in the audited consolidated financial statements and confirmed that the result is less than 90%.
 - viii. For A.1 (iv) question 2, we divided item 9 in the schedule by item 1 in the schedule and confirmed that the result is at least 6.0 times item 1.
- 3. We inquired with Jeff Davidson (Controller) on March 24, 2021 whether Barrick had any off-balance sheet arrangements as at December 31, 2020 that could materially adversely affect the parent company's ability to pay for decommissioning costs, and no such transactions were noted.
- 4. We inspected the minutes of Barrick's Board of Directors meetings that were held during the year-ended December 31, 2020 to identify any reference to off-balance sheet transactions, and no such transactions were noted in the minutes.
- 5. We inspected the audited consolidated financial statements, including the Report of Independent Registered Public Accounting Firm (the auditor's report) in order to confirm if there is an emphasis of matter paragraph in respect of Barrick's ability to continue as a going concern and to confirm the amount of off balance sheet commitments disclosed as at December 31, 2020. We noted that there is no emphasis of matter paragraph included in the auditor's report in respect of Barrick's ability to continue as a going concern. Further, we note the following 1) Note 19 (c), Capital Commitments, to the audited consolidated financial statements includes reference to operational commitments for construction activities of \$223 million USD as at December 31, 2020; 2) Note 19 (d), Other Lease Disclosure, to the audited consolidated financial statements includes reference to short-term payments and variable lease payments not included in the measurement of lease liabilities of \$14 million and \$35 million USD, respectively as at December 31, 2020; and 3) Note 2 (b) includes reference to commitments of \$653 million relating to its interest in the joint ventures as at December 31, 2020.



6. We selected and tested 2 quarterly samples from control CO-C-148, and 20 samples from control CO-C-183, which are exercised by Barrick's External Reporting and Complex Accounting team to ensure that all complex accounting matters are appropriately accounted for and disclosed in Barrick's audited consolidated financial statements, including but not limited to those arising as a result of Barrick entering into complex off-balance sheet arrangements, through observation and inspection. We noted no exceptions in our testing of control CO-C-148 or CO-C-183.
7. Barrick management has provided a written representation letter to us stating that Barrick did not have any off-balance sheet arrangements as at December 31, 2020 that could materially adversely affect its ability to pay for decommissioning costs.

These procedures do not constitute an audit or review and, accordingly, no assurance is expressed on the filing. Had we performed additional procedures, or had we made an examination of the information included in Items 2 through 9 and A.1 (i) through (iv), other matters might have come to our attention that would have been reported to you.

It is understood that this report is intended solely for the information of Barrick's management and the other user, the NRC. Consequently, the report should not be distributed to other parties. Any use that a third party makes of this report, or any reliance or decisions made based on it, are the responsibility of such third party. We accept no responsibility for any loss or damages suffered by any third party as a result of decisions made or actions taken based on this report.

PricewaterhouseCoopers LLP

Chartered Professional Accountants, Licensed Public Accountants

Restoration Scenario Based on November 2020 CAP

<u>Corrective Action Program Year</u> <u>Year (referenced to end of year)</u>	<u>1</u> <u>2022</u>	<u>2</u> <u>2023</u>	<u>3</u> <u>2024</u>	<u>4</u> <u>2025</u>	<u>5</u> <u>2026</u>	<u>6</u> <u>2027</u>	<u>7</u> <u>2028</u>	<u>8</u> <u>2029</u>	<u>9</u> <u>2030</u>
<i>On-Site Collection</i>	-300								
<i>On-Site Injection</i>	350								
<i>North Off-Site Collection</i>									
<i>North Off-Site Injection</i>									
<i>South Off-Site Collection</i>									
<i>South Off-Site Injection</i>									
<i>Groundwater Monitoring</i>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Decomissioning of GW and Treatment Systems</i>	Yes	Yes	Yes	Yes					
<i>Final LTP and STP Reclamation Construction</i>		Yes	Yes	Yes	Yes				
<i>Post-Reclamation Monitoring</i>						Yes	Yes		

Discussion of Categories of Costs and Project Scheduling

The major categories of costs as indicated in sheet (1) Life of Project Roll-Up 1 are as follows:

TOTAL PHYSICAL RECLAMATION
WATER TREATMENT
MONITORING / REGULATORY
HOLDING
SECURITY AND MAINTENANCE
SEVERANCE AND RELOCATION
GENERAL & ADMINISTRATION

The following discussion describes the types of costs included in each of the categories in general terms. The scheduling of costs from year 2022 through 2030 is also presented in sheets (4) Costs per Year 2 and (5) Unit Costs and Quantities with costs assigned by year.

TOTAL PHYSICAL RECLAMATION

The physical reclamation costs are presented in detail in sheet (9)SRK-Physical Reclamation. The costs include decommissioning and reclamation of the tailings piles, ponds, water treatment facilities, general infrastructure and office and shop facilities at the site. Costs are distributed over a period of approximately seven years based on the planned schedule with most of the costs occurring from 2023 through 2026. There are minor monitoring costs occurring after the reclamation is complete in 2026

WATER TREATMENT

The water treatment category is very broad and includes groundwater monitoring as well as maintenance of the infrastructure supporting the groundwater collection, water treatment, and groundwater injection systems. The water treatment category also includes nearly all water related facilities and activities such as evaporation pond operation and maintenance, tailings dewatering and sump collection, tailings water sampling, groundwater sampling and providing fresh water for injection. The well installation, maintenance, and abandonment costs are also included in this category. Because much of the activity at the site has been and continues to be in support of the groundwater restoration, the water treatment category also includes many of the vehicle and equipment costs for the site. Although the actual treatment of groundwater ends in 2023, there are continuing costs associated with ongoing activities including monitoring and decommissioning that result in inclusion of costs in the water treatment category through year 2030.

MONITORING / REGULATORY

The monitoring/regulatory category includes the air, weather, radiation and settlement monument monitoring programs as well as regulatory fees and costs for production of required reporting to regulatory agencies.

HOLDING

The holding category costs are associated with land holdings and purchase. The majority of the cost in this category is the planned purchase of properties in the subdivisions to the south and west of the tailings and pond facilities.

SECURITY AND MAINTENANCE

HMC Cost Estimate Commentary

The security and maintenance category is a relatively minor cost for surveillance and security services for HMC properties.

SEVERANCE AND RELOCATION

No severance or relocation costs are assigned for this category.

GENERAL & ADMINISTRATION

The general and administration category includes salaries and benefits for HMC personnel, and other costs associated with the operation of the office and administration of the site. Because the office and shop are scheduled to be decommissioned, demolished and reclaimed in 2026, costing for operation of a temporary office facility from 2026 through 2030 is included in this category.

Restoration Scenario Based on November 2020 CAP

General Instructions for Navigating the Spreadsheet

This spreadsheet contains several individual worksheets detailing the cost breakout for Homestake Mining Company's Grants Uranium Project. The individual worksheets can each be selected and printed out by using the print command and selecting "print active sheets". Worksheets 1, 2, 3, and 4 contain costs in current year dollars for the project calculated from the inputs from worksheets 5, 6, 7, and 8. Any edits to the spreadsheet should only be done in worksheets 5, 6, 7, and 8. The values in sheets 1, 2, 3, and 4 are all calculated values from sheets 5, 6, 7, and 8 and should not be modified in any way. In typical versions of the spreadsheet, the Instructions worksheet is preceded by a Gantt chart schedule.

The following is a list of the separate worksheets and their individual functions.

- (1) Life of Project Roll-Up 1 :** This worksheet presents a 1 page roll-up of the costs associated with the project for the life of the project. This roll-up presents a roll-up of the costs into the major categories associated with the project. The total cost in this worksheet includes 15% contingency and the long term care and maintenance fee. The values in this sheet are calculated values from other sheets. None of the values in this sheet should be edited.
- (2) Life of Project Roll-Up 2 :** This worksheet presents a 6 page roll-up of the costs associated with the project for the life of the project. This roll-up presents a more detailed breakup of the costs associated with the project than the previous roll-up. The major categories are broken into several sub-categories and the costs associated with these subcategories is presented. The values in this sheet are calculated values from other sheets. None of the values in this sheet should be edited.
- (3) Costs per Year 1 :** This worksheet contains 7 pages of the total costs associated with the project for the major categories per year as well as for the life of the project. The values in this worksheet are calculated values using the inputs in the "Unit Costs-Quantities" worksheet. The values in this sheet should not be modified. To change these numbers, edits should be made to the "Unit Costs-Quantities" sheet.
- (4) Costs per Year 2 :** This worksheet contains 16 pages of the total costs for the project. This sheet presents a more detailed breakup of the major categories into several sub-categories. Costs are presented per year for the project. The values in this worksheet are calculated values using the inputs in the "Unit Costs-Quantities" worksheet. The values in this sheet should not be modified.

HMC Cost Estimate
Instruction Sheet

To change these numbers, edits should be made to the "Unit Costs-Quantities" sheet.

(4A) Comments and Profit : This worksheet contains 13 pages of comments and, where designated, a cost adjustment for overhead or profit. Comments indicate the nature of costs and whether or not there is a cost adjustment for overhead or profit. For many line items in the General and Admin. category, there is a specified percentage increase in costs for profit and overhead. This percentage increase is converted to a calculated adjustment factor for each indicated cost item. If necessary, the cost increase percentage column can be changed, and this will be reflected in the corresponding adjustment factors.

(5) Unit Costs and Quantities : This worksheet contains 13 pages of unit costs and quantities for all items associated with the project. The major categories are broken into sub-categories, and the sub-categories contain the various items associated with the project. Each item has a unit cost and a quantity for each year. The unit costs are the same for every year, but the quantities are varied for the life of the project. Some of the unit costs are actually lump sum values for simplicity in the estimate. The unit costs and quantities can be modified in this sheet and the remaining sheets will reflect these changes. The unit costs in red are unit costs that are expected to vary on a regular basis. These unit costs should be modified on the "Unit Costs" sheet rather than this sheet.

Update - 2010: Modifications were made to some line items in the Equipment Expenses sub-category starting at line 58. In particular, a line item titled Large Equipment Replacement was added to allocate costs for purchase, replacement, or possibly refurbishment of three large equipment pieces including the backhoe, loader and forklift. Corresponding adjustments were made in annual maintenance costs for this equipment. The equipment in question is used for only a limited number of hours each year and will not require frequent replacement.

(6) Unit Costs : This worksheet contains the unit costs that are expected to vary on a regular basis. These unit costs should be modified in this sheet, and the rest of the sheets will reflect these changes.

HMC Cost Estimate
Instruction Sheet

(7) Electrical Meter Calc : This worksheet was originally the calculation for distributing the kilowatt-hour usage for meter 453180401 to each of the systems that are metered by that meter. The worksheet has evolved into a scaled calculation of the electrical power usage by the collection, treatment, and injection systems, as well as smaller incidental uses at the site.

The KWH usage for each system is calculated using the gpm for each system and applying a factor to these rates to account for pressure difference in the systems then distributing the KWH usage accordingly. The gpm for each system can be modified in this sheet and the KWH usage used in sheet 6 will reflect these changes. This sheet was modified in 2005 to make the power usage for meter 453180501 dependent on the operational rate of the R.O.

The power usage for meter 453180401 was modified in 2014 to expand the pumping rate-based usage to include expanded off-site collection. The electrical power for the north and south off-site collection was subsequently separated from meter 453180401 in 2015. In 2017, the electrical power for the North Off-Site was composited into a single generic meter and the power was scaled to collection rate based upon an estimate made for Dec. 2016 and Jan. 2017. The same was done for the South Off-Site. Also added in 2017 was a new rate-scaled power consumption representing the new High Pressure R.O. In 2020, the evaporation electrical usage was converted to APEX units.

(8) NRC Long Term Maintenance : This worksheet contains the calculations for adjusting the long term care and maintenance fee to the current years dollars using the CPI. The CPI for the current year should be modified in this sheet, and the value on sheet 1 will reflect this change.

(9) SRK-Physical Reclamation: This worksheet contains a 4 page roll-up of all physical physical reclamation costs associated with the project.

(10) R.O. Rate Scaling : This worksheet was added in 2006 and contains calculations to scale quantities of R.O. plant consumables according to the plant operating rate.

(1) Life of Project Roll-Up 1

1 Page

GRANTS PROJECT
Closure Cost Estimate
Costs for Life of Project
2021 Dollars

Restoration Scenario Based on November 2020 CAP
Physical Reclamation Costs

Site Decommissioning / Closure / Reclamation XXXXX-810-23-3600	\$17,109,759
--	--------------

TOTAL PHYSICAL RECLAMATION COSTS	\$17,109,759
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LONG-TERM CARE AND MAINTENANCE

WATER TREATMENT XXXXX-810-23-5100	\$8,145,585
-----------------------------------	-------------

General	\$1,363,522
Tailings Water Management	\$24,081
Groundwater Management	\$4,187,245
R.O. Plant Operations	\$869,815
Expanded R.O. Water Treatment	\$108,000
Zeolite Water Treatment	\$0
Evaporation System Management	\$1,560,397
Land Application Area Management	\$32,526

MONITORING / REGULATORY XXXXX-810-23-5200	\$6,930,111
---	-------------

General	\$5,985,000
Air / Weather Monitoring	\$117,460
Radiation Monitoring	\$767,651
Settlement Monument Monitoring	\$60,000

HOLDING XXXXX-811-23-5300	\$14,484,000
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Land	\$14,484,000
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SECURITY & MAINTENANCE XXXXX-811-23-5400	\$32,000
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Land & Structures	\$32,000
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SEVERANCE AND RELOCATION XXXXX-XXX-XX-XXXX	\$0
--	-----

Severance and Relocation	\$0
--------------------------	-----

GENERAL & ADMIN. XXXXX-810-23-5500	\$10,755,975
------------------------------------	--------------

Salaries & Benefits	\$9,109,925
General Office Costs	\$336,000
Occupancy Costs	\$57,200
Communication Costs	\$136,400
Data Processing Costs	\$57,200
Taxes, Licenses, and Fees	\$1,650
Insurance	\$237,600
Travel and Accommodation	\$193,000
Professional Fees	\$120,000
Outside Services	\$215,000
Temporary Office Facilities	\$292,000

TOTAL LONG-TERM CARE AND MAINTENANCE COSTS	\$40,347,671
--	--------------

TOTAL INCOME	\$0
--------------	-----

TOTAL EXPENSES LESS INCOME	\$57,457,431
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15% Contingency fee per NUREG-1620 Appendix C	\$8,618,615
NRC Long-Term Maintenance / Surveillance Fee	\$970,260
TOTAL WITH CONTINGENCY AND LT SURVEILLANCE FEE	\$67,046,305

(2) Life of Project Roll-Up 2

6 Pages

Physical Reclamation Costs

Site Decommissioning / Closure / Reclamation XXXXX-810-23-3600 \$17,109,759

711040-	Consulting	\$761,465
714090-	Outside Services	\$16,348,295
		Total \$17,109,759

TOTAL PHYSICAL RECLAMATION COSTS \$17,109,759

LONG-TERM CARE AND MAINTENANCE

WATER TREATMENT XXXXX-810-23-5100 \$8,145,585

General \$1,363,522

717050 -	Fuel:	\$144,386
718010 -	Freight and Transportation:	\$20,000
717060 -	Equipment Expenses:	\$405,240
717075 -	Vehicle Expenses:	\$729,300
610020 -	Utilities:	\$64,596
		Total \$1,363,522

Tailings Water Management \$24,081

711030 -	Water Analysis:	\$1,300
714010 -	Driller costs:	\$22,680
610020 -	Utilities:	\$101
		Total \$24,081

Toe Drains and Sumps Collection

711040 -	Consulting Services:	\$0
714090 -	Outside Services:	\$0
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
		Total \$0

Groundwater Management \$4,187,245

711030 -	Water Analysis:	\$840,370
714010 -	Driller costs:	\$3,098,540
		Total \$3,938,910

Groundwater Collection

714090 -	Outside Services:	\$23,000
711040 -	Consulting Services:	\$30,000
On-Site		
610020 -	Utilities:	\$16,884
North Off-Site		
610020 -	Utilities:	\$0
South Off-Site		
610020 -	Utilities:	\$0
New Collection Wells - 2012 Permit		
711020 -	Parts and Supplies:	\$4,640
712010 -	Pumps:	\$4,200
Alluvial On-Site Collection Wells		
711020 -	Parts and Supplies:	\$2,320
712010 -	Pumps:	\$2,100
		Total \$83,144

GRANTS PROJECT
Closure Cost Estimate
November 2020 CAP Schedule
2021 Dollars

Groundwater Injection			
714090 -	Outside Services:	\$2,000	
711040 -	Consulting Services:	\$20,000	
Deep Wells			
711020 -	Parts and Supplies:	\$27,250	
712010 -	Pumps:	\$10,000	
610020 -	Utilities:	\$96,271	
Alluvial On-Site Injection Wells			
711020 -	Parts and Supplies:	\$4,180	
New Injection Wells - 2012 Permit			
711020 -	Parts and Supplies:	\$5,490	
Upper Chinle			
711020 -	Parts and Supplies:	\$0	
Middle Chinle			
711020 -	Parts and Supplies:	\$0	
Total		\$165,191	
R.O. Plant Operations			\$869,815
714090 -	Outside Services:	\$18,000	
711040 -	Consulting Services:	\$55,000	
610020 -	Utilities:	\$186,636	
711020 -	Parts and Supplies:	\$526,659	
712010 -	Pumps/Starters:	\$20,000	
711030 -	Water Analysis:	\$63,520	
Total		\$869,815	
Expanded R.O. Water Treatment			\$108,000
714090 -	Outside Services:	\$5,000	
711040 -	Consulting Services:	\$25,000	
711020 -	Parts and Supplies:	\$78,000	
711030 -	Water Analysis:	\$0	
610020 -	Utilities:	\$0	
Total		\$108,000	
Zeolite Water Treatment			\$0
714090 -	Outside Services:	\$0	
711040 -	Consulting Services:	\$0	
711020 -	Parts and Supplies:	\$0	
711030 -	Water Analysis:	\$0	
610020 -	Utilities:	\$0	
Total		\$0	

GRANTS PROJECT
Closure Cost Estimate
November 2020 CAP Schedule
2021 Dollars

Evaporation System Management			\$1,560,397
714090 -	Outside Services:	\$150,000	
711040 -	Consulting Services:	\$120,000	
711030 -	Water Analysis:	\$24,381	
610020 -	Utilities:	\$732,766	
	Total	\$1,027,147	
East Collection Pond			
711020 -	Parts and Supplies:	\$136,950	
	Total	\$136,950	
West Collection Pond			
711020 -	Parts and Supplies:	\$136,950	
	Total	\$136,950	
No. 1 Evaporation Pond			
711020 -	Parts and Supplies:	\$20,650	
712010 -	Pumps:	\$24,000	
	Total	\$44,650	
No. 2 & No. 3 Evaporation Ponds			
711020 -	Parts and Supplies:	\$186,700	
712010 -	Pumps:	\$28,000	
	Total	\$214,700	
Irrigation System Management			\$32,526
714090 -	Outside Services:	\$0	
711020 -	Parts and Supplies:	\$0	
711030 -	Water Analysis:	\$32,526	
	Total	\$32,526	

GRANTS PROJECT
Closure Cost Estimate
November 2020 CAP Schedule
2021 Dollars

Monitoring / Regulatory XXXXX-810-23-5200 **\$6,930,111**

General **\$5,985,000**

718900 -	NRC Fees:	\$3,450,000
718025 -	Permitting Fees:	\$25,000
711040 -	Consulting Services:	\$2,510,000
	Total	\$5,985,000

Air / Weather Monitoring **\$117,460**

714090 -	Outside Services:	\$77,000
711020 -	Parts and Supplies:	\$3,500
610020 -	Utilities:	\$36,960
	Total	\$117,460

Radiation Monitoring **\$767,651**

714090 -	Outside Services:	\$66,000
711020 -	Parts and Supplies:	\$184,987
718030 -	Lab Fees:	\$459,952
610020 -	Utilities:	\$35,712
711040 -	Radiation Training:	\$21,000
	Total	\$767,651

Settlement Monument Monitoring **\$60,000**

714090 -	Outside Services:	\$60,000
	Total	\$60,000

HOLDING XXXXX-811-23-5300 **\$14,484,000**

Land **\$14,484,000**

790060-	Land Purchase	\$12,000,000
790090-	Land Rental	\$0
790110-	Title commitment policy costs	\$0
790010-	Appraisal	\$0
790120-	Land improvements	\$1,064,000
623010-	Property tax	\$1,300,000
790120-	Surveying / Mapping	\$120,000
	Total	\$14,484,000

SECURITY & MAINTENANCE XXXXX-811-23-5400 **\$32,000**

Land & Structures **\$32,000**

717030-	Surveillance	\$32,000
	Total	\$32,000

GRANTS PROJECT
Closure Cost Estimate
November 2020 CAP Schedule
2021 Dollars

SEVERANCE AND RELOCATION XXXXX-XXX-XX-XXXX				\$0
Severance and Relocation				\$0
717030-	Severance and Relocation		\$0	
	Total		\$0	
GENERAL & ADMIN. XXXXX-810-23-5500				\$10,755,975
Salaries & Benefits				\$9,109,925
600000-	Salaries - General	\$3,481,500		
600040-	Benefits - General	\$1,566,675		
600001-	Salaries - Groundwater	\$1,705,000		
600040-	Benefits - Groundwater	\$767,250		
600001-	Employee Overtime	\$220,000		
600050-	Temporary labor	\$1,369,500		
601060-	Workman's compensation	\$0		
601130-	Memberships	\$0		
601140-	Seminars & training (employees)	\$0		
603000-	Employee relations	\$0		
	Total	\$9,109,925		
General Office Costs				\$336,000
622000-	Stationery & supplies	\$60,000		
622040-	Publications & subscriptions	\$0		
622050-	Miscellaneous	\$6,000		
622070-	Lunch / Dinners	\$0		
	Community Relations:	\$270,000		
	Total	\$336,000		
Occupancy Costs				\$57,200
610030-	Office - Other	\$57,200		
	Total	\$57,200		
Communication Costs				\$136,400
620010-	Telecommunications	\$61,600		
620060-	Postage	\$74,800		
	Total	\$136,400		
Data Processing Costs				\$57,200
621000-	Equipment rental / leases	\$57,200		
	Total	\$57,200		
Taxes, Licenses, and Fees				\$1,650
623000-	Office - Other	\$1,650		
	Total	\$1,650		
Insurance				\$237,600
624040-	Insurance	\$237,600		
	Total	\$237,600		

GRANTS PROJECT
Closure Cost Estimate
November 2020 CAP Schedule
2021 Dollars

Travel and Accommodation			\$193,000
640000-	Travel - Air	\$40,000	
640020-	Travel - Accommodation	\$40,000	
640030-	Travel - Taxis	\$16,000	
640050-	Travel - Gas	\$64,000	
640060-	Travel - Meals	\$8,000	
	Meals and Entertainment	\$25,000	
	Total	\$193,000	
Professional Fees			\$120,000
670000-	Legal fees	\$120,000	
	Total	\$120,000	
Outside Services			\$215,000
714090-	W/C Admin.	\$215,000	
	Total	\$215,000	
Temporary Office/Facilities			\$292,000
	Temporary Office	\$292,000	
	Total	\$292,000	
TOTAL LONG-TERM CARE AND MAINTENANCE COSTS			\$40,347,671
INCOME			\$0
TOTAL EXPENSES LESS INCOME			\$57,457,431

(3) Costs per Year 1

7 pages

GRANTS PROJECT
Closure Cost Estimate
Estimated Costs Per Year
2022 Through Completion
November 2020 CAP Schedule

SITE DECOMMISSIONING / CLOSURE / RECLAMATION XXXXXX-810-23-3600										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
711040 - Consulting:	356,546	404,918	0	0	0	0	0	0	0	761,465
714090 - Outside Services:	404,913	5,990,097	4,180,864	2,208,309	3,453,329	83,138	27,644	0	0	16,348,295
Total Closure/Reclamation	761,459	6,395,016	4,180,864	2,208,309	3,453,329	83,138	27,644	0	0	17,109,759
WATER TREATMENT XXXXXX-810-23-5100										
--General--										
717050 - Fuel:	32,440	32,440	32,440	32,440	6,705	1,980	1,980	1,980	1,980	144,386
718010 - Freight and Transportation:	5,000	5,000	5,000	5,000	0	0	0	0	0	20,000
717060 - Equipment Expenses:	137,810	137,810	54,810	54,810	5,000	5,000	5,000	5,000	0	405,240
717075 - Vehicle Expenses:	143,000	143,000	143,000	114,400	85,800	28,600	28,600	28,600	14,300	729,300
610020 - Utilities:	16,149	16,149	16,149	16,149	0	0	0	0	0	64,596
Total	334,399	334,399	251,399	222,799	97,505	35,580	35,580	35,580	16,280	1,363,522
--Tailings Water Management--										
711030 - Water Analysis:	650	650	0	0	0	0	0	0	0	1,300
714010 - Driller costs:	0	0	22,680	0	0	0	0	0	0	22,680
610020 - Utilities:	101	0	0	0	0	0	0	0	0	101
Subtotal	751	650	22,680	0	0	0	0	0	0	24,081

GRANTS PROJECT
Closure Cost Estimate
Estimated Costs Per Year
2022 Through Completion
November 2020 CAP Schedule

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Toe Drains and Sumps Collection											
711040 - Consulting Services:		0	0	0	0	0	0	0	0	0	0
714090 - Outside Services:		0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0	0
Subtotal		0	0	0	0	0	0	0	0	0	0
Total		751	650	22,680	0	0	0	0	0	0	24,081
--Groundwater Management--											
711030 - Water Analysis:		125,405	125,405	125,405	125,405	76,850	74,850	67,350	59,850	59,850	840,370
714010 - Driller costs:		81,010	519,730	815,600	923,400	0	0	0	0	758,800	3,098,540
Subtotal		206,415	645,135	941,005	1,048,805	76,850	74,850	67,350	59,850	818,650	3,938,910
Groundwater Collection											
714090 - Outside Services:		23,000	0	0	0	0	0	0	0	0	23,000
711040 - Consulting Services:		30,000	0	0	0	0	0	0	0	0	30,000
<u>General On-Site</u>											
610020 - Utilities:		16,884	0	0	0	0	0	0	0	0	16,884
<u>General North Off-Site</u>											
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
<u>General South Off-Site</u>											
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
<u>New Collection Wells - 2012 Permit</u>											
711020 - Parts and Supplies:		4,640	0	0	0	0	0	0	0	0	4,640
712010 - Pumps:		4,200	0	0	0	0	0	0	0	0	4,200
<u>Alluvial On-Site Collection Wells</u>											
711020 - Parts and Supplies:		2,320	0	0	0	0	0	0	0	0	2,320
712010 - Pumps:		2,100	0	0	0	0	0	0	0	0	2,100
Subtotal		83,144	0	0	0	0	0	0	0	0	83,144
Groundwater Injection											
714090 - Outside Services:		2,000	0	0	0	0	0	0	0	0	2,000
711040 - Consulting Services:		20,000	0	0	0	0	0	0	0	0	20,000
<u>Deep Wells</u>											
711020 - Parts and Supplies:		5,450	5,450	5,450	5,450	5,450	0	0	0	0	27,250
712010 - Pumps:		5,000	0	5,000	0	0	0	0	0	0	10,000
610020 - Utilities:		32,717	6,828	12,456	23,712	12,456	2,326	2,326	2,326	1,126	96,271
<u>Alluvial On-Site Injection Wells</u>											
711020 - Parts and Supplies:		4,180	0	0	0	0	0	0	0	0	4,180
<u>New Injection Wells - 2012 Permit</u>											
711020 - Parts and Supplies:		5,490	0	0	0	0	0	0	0	0	5,490
<u>Upper Chinle</u>											
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
<u>Middle Chinle</u>											
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
Subtotal		74,837	12,278	22,906	29,162	17,906	2,326	2,326	2,326	1,126	165,191
Total		364,396	657,413	963,911	1,077,967	94,756	77,176	69,676	62,176	819,776	4,187,245

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
R.O. Plant Operations											
714090 - Outside Services:	18,000	0	0	0	0	0	0	0	0	0	18,000
711040 - Consulting Services:	55,000	0	0	0	0	0	0	0	0	0	55,000
610020 - Utilities:	186,636	0	0	0	0	0	0	0	0	0	186,636
711020 - Parts and Supplies:	526,659	0	0	0	0	0	0	0	0	0	526,659
712010 - Pumps/Starters:	20,000	0	0	0	0	0	0	0	0	0	20,000
711030 - Water Analysis:	63,520	0	0	0	0	0	0	0	0	0	63,520
Total	869,815	0	0	0	0	0	0	0	0	0	869,815
Expanded R.O. Water Treatment											
714090 - Outside Services:	5,000	0	0	0	0	0	0	0	0	0	5,000
711040 - Consulting Services:	25,000	0	0	0	0	0	0	0	0	0	25,000
711020 - Parts and Supplies:	78,000	0	0	0	0	0	0	0	0	0	78,000
711030 - Water Analysis:	0	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:	0	0	0	0	0	0	0	0	0	0	0
Total	108,000	0	0	0	0	0	0	0	0	0	108,000
Zeolite Water Treatment											
714090 - Outside Services:	0	0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:	0	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:	0	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
--Evaporation System Management--											
714090 - Outside Services:	50,000	50,000	50,000	0	0	0	0	0	0	0	150,000
711040 - Consulting Services:	40,000	40,000	40,000	0	0	0	0	0	0	0	120,000
711030 - Water Analysis:	14,500	5,938	3,943	0	0	0	0	0	0	0	24,381
610020 - Utilities:	324,173	324,173	84,420	0	0	0	0	0	0	0	732,766
Subtotal	428,673	420,111	178,363	0	0	0	0	0	0	0	1,027,147
East Collection Pond											
711020 - Parts and Supplies:	136,950	0	0	0	0	0	0	0	0	0	136,950
Subtotal	136,950	0	0	0	0	0	0	0	0	0	136,950
West Collection Pond											
711020 - Parts and Supplies:	136,950	0	0	0	0	0	0	0	0	0	136,950
Subtotal	136,950	0	0	0	0	0	0	0	0	0	136,950

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WATER TREATMENT (Cont.)										
XXXXXX-810-23-5100										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
No. 1 Evaporation Pond										
711020 - Parts and Supplies:	13,150	7,500	0	0	0	0	0	0	0	20,650
712010 - Pumps:	12,000	12,000	0	0	0	0	0	0	0	24,000
<i>Subtotal</i>	25,150	19,500	0	0	0	0	0	0	0	44,650
No. 2 & No. 3 Evaporation Ponds										
711020 - Parts and Supplies:	134,450	52,250	0	0	0	0	0	0	0	186,700
712010 - Pumps:	14,000	14,000	0	0	0	0	0	0	0	28,000
<i>Subtotal</i>	148,450	66,250	0	0	0	0	0	0	0	214,700
<i>Total</i>	876,173	505,861	178,363	0	0	0	0	0	0	1,560,397
--Land Application Area Management and Closure--										
714090 - Outside Services:	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:	5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
<i>Subtotal</i>	5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
<i>Total</i>	5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
<i>Total Water Treatment</i>	2,559,504	1,504,293	1,422,323	1,306,086	196,909	117,404	105,256	97,756	836,056	8,145,585

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MONITORING/REGULATORY XXXXXX-810-23-5200										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--General--										
718900 - NRC Fees:	750,000	750,000	750,000	750,000	150,000	150,000	150,000	0	0	3,450,000
718025 - Permitting Fees:	5,000	5,000	5,000	5,000	5,000	0	0	0	0	25,000
711040 - Consulting Services:	450,000	450,000	370,000	350,000	350,000	300,000	140,000	80,000	20,000	2,510,000
Total	1,205,000	1,205,000	1,125,000	1,105,000	505,000	450,000	290,000	80,000	20,000	5,985,000
--Air / Weather Monitoring--										
714090 - Outside Services:	11,000	11,000	11,000	11,000	11,000	11,000	11,000	0	0	77,000
711020 - Parts and Supplies:	500	500	500	500	500	500	500	0	0	3,500
610020 - Utilities:	5,280	5,280	5,280	5,280	5,280	5,280	5,280	0	0	36,960
Total	16,780	16,780	16,780	16,780	16,780	16,780	16,780	0	0	117,460
--Radiation Monitoring--										
714090 - Outside Services:	10,000	10,000	10,000	10,000	10,000	10,000	6,000	0	0	66,000
711020 - Parts and Supplies:	36,692	36,692	36,692	24,456	18,338	15,279	15,279	1,559	0	184,987
718030 - Lab Fees:	84,944	84,944	84,944	56,144	41,744	34,544	34,544	34,544	3,600	459,952
610020 - Utilities:	4,464	4,464	4,464	4,464	4,464	4,464	4,464	4,464	0	35,712
711040 - Radiation Training:	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	21,000
Total	139,100	139,100	139,100	98,064	77,546	67,287	63,287	40,567	3,600	767,651
--Settlement Monument Monitoring--										
714090 - Outside Services:	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	60,000
Total	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	60,000
Total Monitoring/Regulatory	1,370,880	1,370,880	1,290,880	1,229,844	609,326	544,067	370,067	120,567	23,600	6,930,111
HOLDING XXXXXX-811-23-5300										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Land--										
790060 - Land Purchase:	12,000,000	0	0	0	0	0	0	0	0	12,000,000
790090 - Land Rental:	0	0	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:	0	0	0	0	0	0	0	0	0	0
790010 - Appraisal :	0	0	0	0	0	0	0	0	0	0
790120 - Land Improvements:	212,000	212,000	212,000	212,000	4,000	144,000	24,000	24,000	20,000	1,064,000
623010 - Property Tax:	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,300,000
790120 - Surveying / Mapping:	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
Total Holding	12,327,000	377,000	377,000	377,000	169,000	309,000	189,000	189,000	170,000	14,484,000
SECURITY AND MAINTENANCE XXXXXX-811-23-5400										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Land and Structures--										
717030 - Surveillance:	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	32,000
Total Security/Maintenance	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	32,000
SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Severance and Relocation--										
xxxxxx - Severance and Relocation:	0	0	0	0	0	0	0	0	0	0
Total Severance/Relocation	0	0	0	0	0	0	0	0	0	0

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GENERAL AND ADMIN. XXXXXX-811-23-5500										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Salaries and Benefits--										
<u>Managerial</u>										
600000 - Salaries - General:	533,500	533,500	533,500	533,500	533,500	231,000	231,000	231,000	121,000	3,481,500
600040 - Benefits - General:	240,075	240,075	240,075	240,075	240,075	103,950	103,950	103,950	54,450	1,566,675
<u>Foreman and Technical</u>										
600001 - Salaries - Groundwater:	462,000	407,000	352,000	297,000	187,000	0	0	0	0	1,705,000
600040 - Benefits - Groundwater:	207,900	183,150	158,400	133,650	84,150	0	0	0	0	767,250
<u>Overtime</u>										
600001 - Employee Overtime	66,000	55,000	44,000	33,000	22,000	0	0	0	0	220,000
<u>Other</u>										
600050 - Temporary Labor:	247,500	247,500	247,500	247,500	247,500	82,500	49,500	0	0	1,369,500
601060 - Workman's Compensation:	0	0	0	0	0	0	0	0	0	0
601130 - Memberships:	0	0	0	0	0	0	0	0	0	0
601140 - Seminars and Training:	0	0	0	0	0	0	0	0	0	0
603000 - Employee Relations:	0	0	0	0	0	0	0	0	0	0
Total	1,756,975	1,666,225	1,575,475	1,484,725	1,314,225	417,450	384,450	334,950	175,450	9,109,925
--General Office Costs--										
622000 - Stationary & Supplies:	15,000	15,000	15,000	15,000	0	0	0	0	0	60,000
622040 - Publications & Subscriptions:	0	0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:	1,500	1,500	1,500	1,500	0	0	0	0	0	6,000
622070 - Lunch / Dinners:	0	0	0	0	0	0	0	0	0	0
Community Relations:	54,000	54,000	54,000	54,000	54,000	0	0	0	0	270,000
Total	70,500	70,500	70,500	70,500	54,000	0	0	0	0	336,000
--Occupancy Costs--										
610030 - Office - Other:	14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
Total	14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
--Communication Costs--										
620010 - Telecommunications:	15,400	15,400	15,400	15,400	0	0	0	0	0	61,600
620060 - Postage:	18,700	18,700	18,700	18,700	0	0	0	0	0	74,800
Total	34,100	34,100	34,100	34,100	0	0	0	0	0	136,400
--Data Processing Costs--										
621000 - Equipment Rental / Leases:	14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
Total	14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
--Taxes, Licenses, and Fees--										
623000 - Office - Other:	330	330	330	330	330	0	0	0	0	1,650
Total	330	330	330	330	330	0	0	0	0	1,650
--Insurance--										
624040 - Insurance:	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	237,600
Total	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	237,600

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GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Travel and Accommodation--										
640000 - Travel - Air:	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	40,000
640020 - Travel - Accommodation:	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	40,000
640030 - Travel - Taxis:	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	16,000
640050 - Travel - Gas:	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	0	64,000
640060 - Travel - Meals:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	8,000
Meals and Entertainment	5,000	5,000	5,000	5,000	5,000	0	0	0	0	25,000
<i>Total</i>	26,000	26,000	26,000	26,000	26,000	21,000	21,000	21,000	0	193,000
--Professional Fees--										
670000 - Legal Fees:	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
<i>Total</i>	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
--Outside Services--										
714090 - General Outside Services	41,000	41,000	41,000	41,000	41,000	5,000	5,000	0	0	215,000
<i>Total</i>	41,000	41,000	41,000	41,000	41,000	5,000	5,000	0	0	215,000
--Temporary Office/Facilities --										
Temporary Office/Facilities	0	0	0	0	67,000	67,000	67,000	62,000	29,000	292,000
<i>Total</i>	0	0	0	0	67,000	67,000	67,000	62,000	29,000	292,000
<i>Total General/Admin.</i>	1,998,905	1,908,155	1,817,405	1,726,655	1,543,955	551,850	518,850	459,350	230,850	10,755,975
<i>Grand Total</i>	19,021,748	11,559,344	9,092,472	6,851,894	5,976,519	1,609,458	1,214,817	870,673	1,260,506	57,457,431

MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Misc. Income--										
499000 - Misc. Income:	0	0	0	0	0	0	0	0	0	0
<i>Total Misc. Income.</i>	0	0	0	0	0	0	0	0	0	0

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SITE DECOMMISSIONING / CLOSURE / RECLAMATION XXXXXX-810-23-3600										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
711040 - Consulting:	356,546	404,918	0	0	0	0	0	0	0	761,465
Closure Plan Studies -	48,372	72,558	0	0	0	0	0	0	0	120,930
Closure Plan Engineering -	48,372	72,558	0	0	0	0	0	0	0	120,930
Closure Plan Permitting -	259,803	259,803	0	0	0	0	0	0	0	519,606
714090 - Outside Services:	404,913	5,990,097	4,180,864	2,208,309	3,453,329	83,138	27,644	0	0	16,348,295
Pond Decommissioning/Liner Removal -	0	251,596	503,193	503,193	0	0	0	0	0	1,257,982
Pond Reclamation and Cleanup -	0	300,373	600,746	600,746	0	0	0	0	0	1,501,864
Pond Area Building Demolition -	0	0	4,737	0	0	0	0	0	0	4,737
Zeolite Decommissioning/Liner Removal -	27,211	0	0	0	0	0	0	0	0	27,211
Zeolite Haulage/Disposal -	104,892	0	0	0	0	0	0	0	0	104,892
Zeolite System Structure Demolition -	12,582	0	0	0	0	0	0	0	0	12,582
RO Demolition -	0	85,879	0	0	0	0	0	0	0	85,879
Disposal in EP1 -	0	61,290	91,935	153,224	0	0	0	0	0	306,449
LTP Cover and Rock Haulage and Placement -	0	1,641,803	1,641,803	0	0	0	0	0	0	3,283,606
Buried Pipe Removal -	204,735	1,637,880	0	0	204,735	0	0	0	0	2,047,351
STP Regrade and Cover -	0	0	0	0	1,999,828	0	0	0	0	1,999,828
Radon Barrier and Rock QA/QC -	0	291,187	291,187	0	145,594	0	0	0	0	727,969
Testing, Borrow Prep. and Tank Cutting -	0	768,942	96,118	0	96,118	0	0	0	0	961,178
Office Yard Gravel Removal -	0	0	0	0	11,470	0	0	0	0	11,470
Office and Shop Area Demolition -	0	0	0	0	42,424	0	0	0	0	42,424
Water Tower Demolition -	0	0	0	0	2,015	0	0	0	0	2,015
Road Maintenance -	0	289,434	289,434	289,434	289,434	0	0	0	0	1,157,737
Environmental Monitoring -	0	0	0	0	0	27,644	27,644	0	0	55,288
Revegetation -	0	229,872	229,872	229,872	229,872	0	0	0	0	919,489
Mobilization/Demobilization -	0	29,257	29,257	29,257	29,257	0	0	0	0	117,030
Construction Management -	0	291,595	291,595	291,595	291,595	0	0	0	0	1,166,378
Administration -	55,494	110,987	110,987	110,987	110,987	55,494	0	0	0	554,936
Total Closure/Reclamation	761,459	6,395,016	4,180,864	2,208,309	3,453,329	83,138	27,644	0	0	17,109,759

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WATER TREATMENT XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--General--											
717050 - Fuel:		32,440	32,440	32,440	32,440	6,705	1,980	1,980	1,980	1,980	144,386
	Diesel -	14,109	14,109	14,109	14,109	2,745	0	0	0	0	59,182
	Gas -	18,331	18,331	18,331	18,331	3,960	1,980	1,980	1,980	1,980	85,203
718010 - Freight and Transportation:		5,000	5,000	5,000	5,000	0	0	0	0	0	20,000
717060 - Equipment Expenses:		137,810	137,810	54,810	54,810	5,000	5,000	5,000	5,000	0	405,240
	Crane -	16,000	16,000	8,000	8,000	0	0	0	0	0	48,000
	Loader -	8,000	8,000	8,000	8,000	0	0	0	0	0	32,000
	Backhoe -	5,000	5,000	5,000	5,000	0	0	0	0	0	20,000
	Cat Dozer -	15,810	15,810	15,810	15,810	0	0	0	0	0	63,240
	Forklift -	2,000	2,000	2,000	2,000	0	0	0	0	0	8,000
	Large Equipment Replacement	75,000	75,000	0	0	0	0	0	0	0	150,000
	Compressor -	500	500	500	500	0	0	0	0	0	2,000
	Onan Small Generator -	500	500	500	500	500	500	500	500	0	4,000
	New Generator -	500	500	500	500	500	500	500	500	0	4,000
	HDPE Fusion Machines -	1,500	1,500	1,500	1,500	0	0	0	0	0	6,000
	Pump Unit -	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	32,000
	Misc. Equipment Rental -	7,000	7,000	7,000	7,000	0	0	0	0	0	28,000
	All Other Equipment -	2,000	2,000	2,000	2,000	0	0	0	0	0	8,000
717075 - Vehicle Expenses:		143,000	143,000	143,000	114,400	85,800	28,600	28,600	28,600	14,300	729,300
	Vehicle Maintenance and Repair	23,000	23,000	23,000	18,400	13,800	4,600	4,600	4,600	2,300	117,300
	Truck Leasing -	108,000	108,000	108,000	84,000	60,000	12,000	12,000	12,000	0	504,000
	Support Vehicle Leasing -	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	108,000
610020 - Utilities:		16,149	16,149	16,149	16,149	0	0	0	0	0	64,596
	Electrical Meter 453097200 -	13,800	13,800	13,800	13,800	0	0	0	0	0	55,200
	Electrical Meter 453283402 -	0	0	0	0	0	0	0	0	0	0
	Electrical Meter 453283302 -	0	0	0	0	0	0	0	0	0	0
	Electrical Meter 606480500 -	144	144	144	144	0	0	0	0	0	576
	Natural Gas Meter 0812933 -	2,205	2,205	2,205	2,205	0	0	0	0	0	8,820
	Natural Gas Meter 0814134 -	0	0	0	0	0	0	0	0	0	0
Total		334,399	334,399	251,399	222,799	97,505	35,580	35,580	35,580	16,280	1,363,522
--Tailings Water Management--											
711030 - Water Analysis:		650	650	0	0	0	0	0	0	0	1,300
	A-list	0	0	0	0	0	0	0	0	0	0
	B-list	0	0	0	0	0	0	0	0	0	0
	C-list	0	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0	0
	B/F-list	0	0	0	0	0	0	0	0	0	0
	G-list	0	0	0	0	0	0	0	0	0	0
	H-list	650	650	0	0	0	0	0	0	0	1,300
	I-list	0	0	0	0	0	0	0	0	0	0
	J-list	0	0	0	0	0	0	0	0	0	0
	KPA Samples	0	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.)										
XXXXXX-810-23-5100										
	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
714010 - Driller costs:	0	0	22,680	0	0	0	0	0	0	22,680
New Tailings and Perched Alluvial Wells (5") -	0	0	0	0	0	0	0	0	0	0
New Tailings Wells (2") -	0	0	0	0	0	0	0	0	0	0
Tailings Well Development -	0	0	0	0	0	0	0	0	0	0
5 "Tailings Well/Sump Abandonment -	0	0	11,340	0	0	0	0	0	0	11,340
2" Tailings Well Abandonment -	0	0	11,340	0	0	0	0	0	0	11,340
Perched Alluvial Well Abandonment -	0	0	0	0	0	0	0	0	0	0
U. Chinle Well Development -	0	0	0	0	0	0	0	0	0	0
U. Chinle Well Abandonment -	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:	101	0	0	0	0	0	0	0	0	101
Electrical Meter 453180401 -	101	0	0	0	0	0	0	0	0	101
Electrical Meter 453086900 -	0	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>	751	650	22,680	0	0	0	0	0	0	24,081
Toe Drains and Sumps Collection										
711040 - Consulting Services:	0	0	0	0	0	0	0	0	0	0
Hydrologist/Engineer -	0	0	0	0	0	0	0	0	0	0
714090 - Outside Services:	0	0	0	0	0	0	0	0	0	0
Pump/motor repair -	0	0	0	0	0	0	0	0	0	0
Electrician -	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0	0
Sump Collection Materials -	0	0	0	0	0	0	0	0	0	0
Piping and Fittings -	0	0	0	0	0	0	0	0	0	0
Valves -	0	0	0	0	0	0	0	0	0	0
Meters -	0	0	0	0	0	0	0	0	0	0
Electrical System Parts -	0	0	0	0	0	0	0	0	0	0
712010 - Pumps:	0	0	0	0	0	0	0	0	0	0
Submersible Pumps -	0	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>	0	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Groundwater Management--											
711030 - Water Analysis:		125,405	125,405	125,405	125,405	76,850	74,850	67,350	59,850	59,850	840,370
	A-list	600	600	600	600	0	0	0	0	0	2,400
	B-list	4,480	4,480	4,480	4,480	0	0	0	0	0	17,920
	C-list	0	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0	0
	B/F-list	59,850	59,850	59,850	59,850	59,850	59,850	59,850	59,850	59,850	538,650
	G-list	10,160	10,160	10,160	10,160	0	0	0	0	0	40,640
	H-list	26,000	26,000	26,000	26,000	13,000	13,000	6,500	0	0	136,500
	I-list	10,275	10,275	10,275	10,275	0	0	0	0	0	41,100
	J-list	6,040	6,040	6,040	6,040	0	0	0	0	0	24,160
	Column Tests	0	0	0	0	0	0	0	0	0	0
	KPA Samples	8,000	8,000	8,000	8,000	4,000	2,000	1,000	0	0	39,000
714010 - Driller costs:		81,010	519,730	815,600	923,400	0	0	0	0	758,800	3,098,540
	New Alluvial Wells -	81,010	0	0	0	0	0	0	0	0	81,010
	Alluvial Well Development -	0	0	0	0	0	0	0	0	0	0
	Alluvial Well Abandonment -	0	359,480	627,000	627,000	0	0	0	0	167,200	1,780,680
	New U. Chinle Wells -	0	0	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	0	0	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	0	52,000	41,600	31,200	0	0	0	0	26,000	150,800
	New M. Chinle Wells -	0	0	0	0	0	0	0	0	0	0
WATER TREATMENT (Cont.) XXXXXX-810-23-5100											
714010 - Driller costs (Cont.):											
	M. Chinle Well Development -	0	0	0	0	0	0	0	0	0	0
	M. Chinle Well Abandonment -	0	62,400	65,000	67,600	0	0	0	0	26,000	221,000
	New L. Chinle Wells -	0	0	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	0	0	0	0	0	0	0	0	0	0
	L. Chinle Well Abandonment -	0	0	26,000	41,600	0	0	0	0	15,600	83,200
	San Andres Well Rehab/Replacement -	0	0	0	0	0	0	0	0	0	0
	San Andres Well Abandonment -	0	0	0	100,000	0	0	0	0	500,000	600,000
	Drilling Mobilization/Demobilization -	0	40,000	56,000	56,000	0	0	0	0	24,000	176,000
	Abandon Sumps -	0	5,850	0	0	0	0	0	0	0	5,850
Subtotal		206,415	645,135	941,005	1,048,805	76,850	74,850	67,350	59,850	818,650	3,938,910
Groundwater Collection											
714090 - Outside Services:		23,000	0	0	0	0	0	0	0	0	23,000
	Electrician -	10,000	0	0	0	0	0	0	0	0	10,000
	Continental Divide -	5,000	0	0	0	0	0	0	0	0	5,000
	Surveyor -	8,000	0	0	0	0	0	0	0	0	8,000
	Well Logging Services -	0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		30,000	0	0	0	0	0	0	0	0	30,000
	Hydrologist/Engineer -	30,000	0	0	0	0	0	0	0	0	30,000
General On-Site											
610020 - Utilities:		16,884	0	0	0	0	0	0	0	0	16,884
	Electrical Meter 453180401 -	16,884	0	0	0	0	0	0	0	0	16,884

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
General North Off-Site											
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
	Electrical Meter Composite -	0	0	0	0	0	0	0	0	0	0
General South Off-Site											
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
	Electrical Meter Composite -	0	0	0	0	0	0	0	0	0	0
New Collection Wells - 2012 Permit											
711020 - Parts and Supplies:		4,640	0	0	0	0	0	0	0	0	4,640
	Collection Wellhead Materials -	2,000	0	0	0	0	0	0	0	0	2,000
	Piping and Fittings -	1,000	0	0	0	0	0	0	0	0	1,000
	Valves -	400	0	0	0	0	0	0	0	0	400
	Meters -	240	0	0	0	0	0	0	0	0	240
	Electrical System Parts -	1,000	0	0	0	0	0	0	0	0	1,000
712010 - Pumps:		4,200	0	0	0	0	0	0	0	0	4,200
	Submersible Pumps -	4,200	0	0	0	0	0	0	0	0	4,200
Alluvial On-Site Collection Wells											
711020 - Parts and Supplies:		2,320	0	0	0	0	0	0	0	0	2,320
	Collection Wellhead Materials -	1,000	0	0	0	0	0	0	0	0	1,000
	Piping and Fittings -	500	0	0	0	0	0	0	0	0	500
	Valves -	200	0	0	0	0	0	0	0	0	200
	Meters -	120	0	0	0	0	0	0	0	0	120
	Electrical System Parts -	500	0	0	0	0	0	0	0	0	500
712010 - Pumps:		2,100	0	0	0	0	0	0	0	0	2,100
	Submersible Pumps -	2,100	0	0	0	0	0	0	0	0	2,100
Subtotal		83,144	0	0	0	0	0	0	0	0	83,144

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Groundwater Injection											
714090 - Outside Services:		2,000	0	0	0	0	0	0	0	0	2,000
	Surveyor -	2,000	0	0	0	0	0	0	0	0	2,000
711040 - Consulting Services:		20,000	0	0	0	0	0	0	0	0	20,000
	Hydrologist/Engineer -	20,000	0	0	0	0	0	0	0	0	20,000
Deep Wells											
711020 - Parts and Supplies:		5,450	5,450	5,450	5,450	5,450	0	0	0	0	27,250
	Collection Wellhead Materials -	1,500	1,500	1,500	1,500	1,500	0	0	0	0	7,500
	Piping and Fittings -	500	500	500	500	500	0	0	0	0	2,500
	Valves -	450	450	450	450	450	0	0	0	0	2,250
	Meters -	2,000	2,000	2,000	2,000	2,000	0	0	0	0	10,000
	Electrical System Parts -	1,000	1,000	1,000	1,000	1,000	0	0	0	0	5,000
712010 - Pumps:		5,000	0	5,000	0	0	0	0	0	0	10,000
	Submersible Pumps -	5,000	0	5,000	0	0	0	0	0	0	10,000
610020 - Utilities:		32,717	6,828	12,456	23,712	12,456	2,326	2,326	2,326	1,126	96,271
	Electrical Meter 453180401 -	31,517	5,628	11,256	22,512	11,256	1,126	1,126	1,126	1,126	86,671
	Electrical Meter 453190200 -	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	0	9,600
Alluvial On-Site Injection Wells											
711020 - Parts and Supplies:		4,180	0	0	0	0	0	0	0	0	4,180
	Injection Wellhead Materials -	1,400	0	0	0	0	0	0	0	0	1,400
	Piping and Fittings -	1,500	0	0	0	0	0	0	0	0	1,500
	Valves -	800	0	0	0	0	0	0	0	0	800
	Meters -	480	0	0	0	0	0	0	0	0	480
New Injection Wells - 2012 Permit											
711020 - Parts and Supplies:		5,490	0	0	0	0	0	0	0	0	5,490
	Injection Wellhead Materials -	1,750	0	0	0	0	0	0	0	0	1,750
	Piping and Fittings -	2,500	0	0	0	0	0	0	0	0	2,500
	Valves -	1,000	0	0	0	0	0	0	0	0	1,000
	Meters -	240	0	0	0	0	0	0	0	0	240
Upper Chinle											
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0	0
Middle Chinle											
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0	0
Subtotal		74,837	12,278	22,906	29,162	17,906	2,326	2,326	2,326	1,126	165,191
Total		365,147	658,063	986,591	1,077,967	94,756	77,176	69,676	62,176	819,776	4,211,327

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
R.O. Plant Operations											
714090 - Outside Services:		18,000	0	0	0	0	0	0	0	0	18,000
Electrician -		8,000	0	0	0	0	0	0	0	0	8,000
Pump/motor repair -		10,000	0	0	0	0	0	0	0	0	10,000
711040 - Consulting Services:		55,000	0	0	0	0	0	0	0	0	55,000
Hydrologist/Engineer -		20,000	0	0	0	0	0	0	0	0	20,000
R.O. Engineer -		20,000	0	0	0	0	0	0	0	0	20,000
Electronics -		15,000	0	0	0	0	0	0	0	0	15,000
610020 - Utilities:		186,636	0	0	0	0	0	0	0	0	186,636
Electrical Meter 453180503 -		171,936	0	0	0	0	0	0	0	0	171,936
Natural Gas Meter 0807957 -		14,700	0	0	0	0	0	0	0	0	14,700
711020 - Parts and Supplies:		526,659	0	0	0	0	0	0	0	0	526,659
Piping and Fittings -		1,000	0	0	0	0	0	0	0	0	1,000
Valves -		4,000	0	0	0	0	0	0	0	0	4,000
Meters -		4,000	0	0	0	0	0	0	0	0	4,000
Computer -		0	0	0	0	0	0	0	0	0	0
Equipment Maintenance/Upgrade -		10,000	0	0	0	0	0	0	0	0	10,000
Instruments -		15,000	0	0	0	0	0	0	0	0	15,000
Filters -		7,350	0	0	0	0	0	0	0	0	7,350
Membranes (LPRO) -		0	0	0	0	0	0	0	0	0	0
Membranes (HPRO) -		0	0	0	0	0	0	0	0	0	0
Citric Acid -		210	0	0	0	0	0	0	0	0	210
Air Diffusers -		2,000	0	0	0	0	0	0	0	0	2,000
Caustic Soda -		241,800	0	0	0	0	0	0	0	0	241,800
Sulfuric Acid -		143,000	0	0	0	0	0	0	0	0	143,000
Anti- Scalent -		9,120	0	0	0	0	0	0	0	0	9,120
Lime (Bulk) -		75,000	0	0	0	0	0	0	0	0	75,000
Muriatic Acid -		1,659	0	0	0	0	0	0	0	0	1,659
Membrane Cleaner -		6,520	0	0	0	0	0	0	0	0	6,520
Building / Facility -		2,000	0	0	0	0	0	0	0	0	2,000
Heating / AC -		2,000	0	0	0	0	0	0	0	0	2,000
Electrical -		2,000	0	0	0	0	0	0	0	0	2,000
712010 - Pumps/Starters:		20,000	0	0	0	0	0	0	0	0	20,000
Pumps -		20,000	0	0	0	0	0	0	0	0	20,000
711030 - Water Analysis:		63,520	0	0	0	0	0	0	0	0	63,520
A-list		0	0	0	0	0	0	0	0	0	0
B-list		0	0	0	0	0	0	0	0	0	0
C-list		0	0	0	0	0	0	0	0	0	0
D-list		0	0	0	0	0	0	0	0	0	0
E-list		0	0	0	0	0	0	0	0	0	0
B/F-list		31,920	0	0	0	0	0	0	0	0	31,920
G-list		10,160	0	0	0	0	0	0	0	0	10,160
H-list		13,000	0	0	0	0	0	0	0	0	13,000
I-list		0	0	0	0	0	0	0	0	0	0
J-list		6,040	0	0	0	0	0	0	0	0	6,040
KPA Samples		2,400	0	0	0	0	0	0	0	0	2,400
Total		869,815	0	0	0	0	0	0	0	0	869,815

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Expanded R.O. Water Treatment											
714090 - Outside Services:		5,000	0	0	0	0	0	0	0	0	5,000
R.O. System Upgrade Placeholder -		0	0	0	0	0	0	0	0	0	0
Pump/motor repair -		5,000	0	0	0	0	0	0	0	0	5,000
Power Supply Upgrade Placeholder -		0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		25,000	0	0	0	0	0	0	0	0	25,000
Hydrologist/Engineer -		5,000	0	0	0	0	0	0	0	0	5,000
R.O. Engineer -		5,000	0	0	0	0	0	0	0	0	5,000
Electronics -		15,000	0	0	0	0	0	0	0	0	15,000
711020 - Parts and Supplies:		78,000	0	0	0	0	0	0	0	0	78,000
Piping and Fittings -		1,000	0	0	0	0	0	0	0	0	1,000
Valves -		4,000	0	0	0	0	0	0	0	0	4,000
Meters -		4,000	0	0	0	0	0	0	0	0	4,000
Computer -		0	0	0	0	0	0	0	0	0	0
Equipment Maintenance/Upgrade -		10,000	0	0	0	0	0	0	0	0	10,000
Instruments -		15,000	0	0	0	0	0	0	0	0	15,000
Filters -		0	0	0	0	0	0	0	0	0	0
Membranes (LPRO) -		0	0	0	0	0	0	0	0	0	0
Membranes (HPRO) -		0	0	0	0	0	0	0	0	0	0
Citric Acid -		0	0	0	0	0	0	0	0	0	0
Air Diffusers -		2,000	0	0	0	0	0	0	0	0	2,000
Caustic Soda -		0	0	0	0	0	0	0	0	0	0
Sulfuric Acid -		0	0	0	0	0	0	0	0	0	0
Anti- Scalant -		0	0	0	0	0	0	0	0	0	0
Lime (Bulk) -		0	0	0	0	0	0	0	0	0	0
Muriatic Acid -		0	0	0	0	0	0	0	0	0	0
Liquid Citric Acid or Other Cleaner -		36,000	0	0	0	0	0	0	0	0	36,000
Membrane Cleaner -		0	0	0	0	0	0	0	0	0	0
Building / Facility -		2,000	0	0	0	0	0	0	0	0	2,000
Heating / AC -		2,000	0	0	0	0	0	0	0	0	2,000
Electrical -		2,000	0	0	0	0	0	0	0	0	2,000
711030 - Water Analysis:		0	0	0	0	0	0	0	0	0	0
A-list		0	0	0	0	0	0	0	0	0	0
B-list		0	0	0	0	0	0	0	0	0	0
C-list		0	0	0	0	0	0	0	0	0	0
D-list		0	0	0	0	0	0	0	0	0	0
E-list		0	0	0	0	0	0	0	0	0	0
B/F-list		0	0	0	0	0	0	0	0	0	0
G-list		0	0	0	0	0	0	0	0	0	0
H-list		0	0	0	0	0	0	0	0	0	0
I-list		0	0	0	0	0	0	0	0	0	0
J-list		0	0	0	0	0	0	0	0	0	0
KPA Samples		0	0	0	0	0	0	0	0	0	0
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
Electrical Meter -		0	0	0	0	0	0	0	0	0	0
High Pressure RO Electrical Consumption -		0	0	0	0	0	0	0	0	0	0
Natural Gas		0	0	0	0	0	0	0	0	0	0
Total		108,000	0	0	0	0	0	0	0	0	108,000

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Zeolite Water Treatment											
714090 - Outside Services:		0	0	0	0	0	0	0	0	0	0
	Electrician -	0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		0	0	0	0	0	0	0	0	0	0
	Water Treatment Specialist -	0	0	0	0	0	0	0	0	0	0
	Engineer -	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0	0
	Instruments -	0	0	0	0	0	0	0	0	0	0
	Data Control Equipment -	0	0	0	0	0	0	0	0	0	0
	Sulfuric Acid -	0	0	0	0	0	0	0	0	0	0
	Placeholder Consumable -	0	0	0	0	0	0	0	0	0	0
	Acid Metering Pumps -	0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:		0	0	0	0	0	0	0	0	0	0
	A-list	0	0	0	0	0	0	0	0	0	0
	B-list	0	0	0	0	0	0	0	0	0	0
	C-list	0	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0	0
	B/F-list	0	0	0	0	0	0	0	0	0	0
	G-list	0	0	0	0	0	0	0	0	0	0
	H-list	0	0	0	0	0	0	0	0	0	0
	I-list	0	0	0	0	0	0	0	0	0	0
	J-list	0	0	0	0	0	0	0	0	0	0
	KPA Samples	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:		0	0	0	0	0	0	0	0	0	0
	Electrical Meter -	0	0	0	0	0	0	0	0	0	0
	Natural Gas	0	0	0	0	0	0	0	0	0	0
	<i>Total</i>	0	0	0	0	0	0	0	0	0	0

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XXXXXX-810-23-5100											
--Evaporation System Management--											
714090 - Outside Services:		50,000	50,000	50,000	0	0	0	0	0	0	150,000
	Electrician -	10,000	10,000	10,000	0	0	0	0	0	0	30,000
	Pump/motor Repair -	20,000	20,000	20,000	0	0	0	0	0	0	60,000
	Liner Repair -	20,000	20,000	20,000	0	0	0	0	0	0	60,000
711040 - Consulting Services:		40,000	40,000	40,000	0	0	0	0	0	0	120,000
	Hydrologist/Engineer -	20,000	20,000	20,000	0	0	0	0	0	0	60,000
	Odor Control -	20,000	20,000	20,000	0	0	0	0	0	0	60,000
711030 - Water Analysis:		14,500	5,938	3,943	0	0	0	0	0	0	24,381
	A-list	0	0	0	0	0	0	0	0	0	0
	B-list	1,120	448	448	0	0	0	0	0	0	2,016
	C-list	0	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0	0
	B/F-list	7,980	3,990	1,995	0	0	0	0	0	0	13,965
	G-list	0	0	0	0	0	0	0	0	0	0
	H-list	5,200	1,300	1,300	0	0	0	0	0	0	7,800
	I-list	0	0	0	0	0	0	0	0	0	0
	J-list	0	0	0	0	0	0	0	0	0	0
	KPA Samples	200	200	200	0	0	0	0	0	0	600
610020 - Utilities:		324,173	324,173	84,420	0	0	0	0	0	0	732,766
	Electrical Meter 453180401 -	324,173	324,173	84,420	0	0	0	0	0	0	732,766
Subtotal		428,673	420,111	178,363	0	0	0	0	0	0	1,027,147
East Collection Pond											
711020 - Parts and Supplies:		136,950	0	0	0	0	0	0	0	0	136,950
	Piping and Fittings -	2,000	0	0	0	0	0	0	0	0	2,000
	Copper Sulfate (East Pond) -	129,850	0	0	0	0	0	0	0	0	129,850
	Citric Acid (East Pond) -	2,100	0	0	0	0	0	0	0	0	2,100
	Valves -	1,000	0	0	0	0	0	0	0	0	1,000
	Meters -	2,000	0	0	0	0	0	0	0	0	2,000
Subtotal		136,950	0	0	0	0	0	0	0	0	136,950
West Collection Pond											
711020 - Parts and Supplies:		136,950	0	0	0	0	0	0	0	0	136,950
	Piping and Fittings -	2,000	0	0	0	0	0	0	0	0	2,000
	Copper Sulfate (West Pond) -	129,850	0	0	0	0	0	0	0	0	129,850
	Citric Acid (West Pond) -	2,100	0	0	0	0	0	0	0	0	2,100
	Sludge Transfer Materials-	0	0	0	0	0	0	0	0	0	0
	Valves -	1,000	0	0	0	0	0	0	0	0	1,000
	Meters -	2,000	0	0	0	0	0	0	0	0	2,000
Subtotal		136,950	0	0	0	0	0	0	0	0	136,950

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
No. 1 Evaporation Pond											
711020 - Parts and Supplies:		13,150	7,500	0	0	0	0	0	0	0	20,650
Piping and Fittings -		2,000	2,000	0	0	0	0	0	0	0	4,000
Valves -		1,000	1,000	0	0	0	0	0	0	0	2,000
Meters -		2,000	2,000	0	0	0	0	0	0	0	4,000
Citric Acid -		3,150	0	0	0	0	0	0	0	0	3,150
Copper Sulfate (Pond 1) -		0	0	0	0	0	0	0	0	0	0
APEX Evaporator Maintenance -		5,000	2,500	0	0	0	0	0	0	0	7,500
712010 - Pumps:		12,000	12,000	0	0	0	0	0	0	0	24,000
Centrifugal Pumps -		5,000	5,000	0	0	0	0	0	0	0	10,000
Centrifugal Pump Parts -		2,000	2,000	0	0	0	0	0	0	0	4,000
Major Repair for APEX Unit -		5,000	5,000	0	0	0	0	0	0	0	10,000
Subtotal		25,150	19,500	0	0	0	0	0	0	0	44,650
No. 2 & No. 3 Evaporation Ponds											
711020 - Parts and Supplies:		134,450	52,250	0	0	0	0	0	0	0	186,700
Piping and Fittings (Pond 2) -		2,000	2,000	0	0	0	0	0	0	0	4,000
APEX Evaporator Maintenance (Pond 2) -		5,000	5,000	0	0	0	0	0	0	0	10,000
Valves (Pond 2) -		1,000	1,000	0	0	0	0	0	0	0	2,000
Meters (Pond 2) -		2,000	2,000	0	0	0	0	0	0	0	4,000
Citric Acid (Pond 2) -		3,150	3,150	0	0	0	0	0	0	0	6,300
Copper Sulfate (Pond 2) -		111,300	37,100	0	0	0	0	0	0	0	148,400
Piping and Fittings (Pond 3) -		2,000	2,000	0	0	0	0	0	0	0	4,000
APEX Evaporator Maintenance (Pond 3) -		5,000	0	0	0	0	0	0	0	0	5,000
Valves (Pond 3) -		1,000	0	0	0	0	0	0	0	0	1,000
Meters (Pond 3) -		2,000	0	0	0	0	0	0	0	0	2,000
Citric Acid (Pond 3) -		0	0	0	0	0	0	0	0	0	0
Copper Sulfate (Pond 3) -		0	0	0	0	0	0	0	0	0	0
712010 - Pumps:		14,000	14,000	0	0	0	0	0	0	0	28,000
Centrifugal Pumps (Pond 2) -		5,000	5,000	0	0	0	0	0	0	0	10,000
Centrifugal Pump Parts (Pond 2) -		2,000	2,000	0	0	0	0	0	0	0	4,000
Centrifugal Pumps (Pond 3) -		5,000	5,000	0	0	0	0	0	0	0	10,000
Centrifugal Pump Parts (Pond 3) -		2,000	2,000	0	0	0	0	0	0	0	4,000
Subtotal		148,450	66,250	0	0	0	0	0	0	0	214,700
Total		876,173	505,861	178,363	0	0	0	0	0	0	1,560,397
--Land Application Area Management and Closure--											
714090 - Outside Services:		0	0	0	0	0	0	0	0	0	0
Vegetation and Field Maintenance -		0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0	0
Permanent Vegetation Seed -		0	0	0	0	0	0	0	0	0	0
Cereal Grains -		0	0	0	0	0	0	0	0	0	0
Fertilizer -		0	0	0	0	0	0	0	0	0	0
Fencing -		0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:		5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
A-list		0	0	0	0	0	0	0	0	0	0
B-list		672	672	672	672	0	0	0	0	0	2,688
C-list		0	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.)											
XXXXXX-810-23-5100		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
711030 - Water Analysis (Cont.):											
	D-list	0	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0	0
	B/F-list	1,197	1,197	1,197	1,197	1,197	1,197	0	0	0	7,182
	G-list	508	508	508	508	508	508	0	0	0	3,048
	H-list	1,300	1,300	1,300	650	650	650	0	0	0	5,850
	I-list	685	685	685	685	685	685	0	0	0	4,110
	J-list	1,208	1,208	1,208	1,208	1,208	1,208	0	0	0	7,248
	KPA Samples	400	400	400	400	400	400	0	0	0	2,400
	Subtotal	5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
	Total	5,970	5,970	5,970	5,320	4,648	4,648	0	0	0	32,526
	Total Water Treatment	2,559,504	1,504,293	1,422,323	1,306,086	196,909	117,404	105,256	97,756	836,056	8,145,585

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MONITORING/REGULATORY XXXXXX-810-23-5200		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--General--											
718900 - NRC Fees:		750,000	750,000	750,000	750,000	150,000	150,000	150,000	0	0	3,450,000
718025 - Permitting Fees:		5,000	5,000	5,000	5,000	5,000	0	0	0	0	25,000
711040 - Consulting Services:		450,000	450,000	370,000	350,000	350,000	300,000	140,000	80,000	20,000	2,510,000
	Annual Report-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	40,000	20,000	480,000
	CAP-	0	0	0	0	0	0	0	0	0	0
	ACL-	0	0	0	0	0	0	0	0	0	0
	Numerical Modeling-	80,000	80,000	0	0	0	0	0	0	0	160,000
	ALARA Consulting -	20,000	20,000	20,000	20,000	20,000	0	0	0	0	100,000
	General Consulting -	30,000	30,000	30,000	10,000	10,000	0	0	0	0	110,000
	DOE Reporting -	20,000	20,000	20,000	20,000	20,000	0	0	0	0	100,000
	DP Renewal -	0	0	0	0	0	0	0	0	0	0
	EPA Oversight -	80,000	80,000	80,000	80,000	80,000	80,000	0	0	0	480,000
	Radiological Consulting and RSO services -	160,000	160,000	160,000	160,000	160,000	160,000	80,000	40,000	0	1,080,000
	DRP Development -	0	0	0	0	0	0	0	0	0	0
Total		1,205,000	1,205,000	1,125,000	1,105,000	505,000	450,000	290,000	80,000	20,000	5,985,000
--Air / Weather Monitoring--											
714090 - Outside Services:		11,000	11,000	11,000	11,000	11,000	11,000	11,000	0	0	77,000
711020 - Parts and Supplies:		500	500	500	500	500	500	500	0	0	3,500
610020 - Utilities:		5,280	5,280	5,280	5,280	5,280	5,280	5,280	0	0	36,960
	Electrical Meter 453184000 -	5,280	5,280	5,280	5,280	5,280	5,280	5,280	0	0	36,960
Total		16,780	16,780	16,780	16,780	16,780	16,780	16,780	0	0	117,460
--Radiation Monitoring--											
714090 - Outside Services:		10,000	10,000	10,000	10,000	10,000	10,000	6,000	0	0	66,000
711020 - Parts and Supplies:		36,692	36,692	36,692	24,456	18,338	15,279	15,279	1,559	0	184,987
	Bioassay Sample Bottles -	472	472	472	236	118	59	59	59	0	1,947
	High Vol Filters -	1,600	1,600	1,600	1,600	1,600	1,600	1,600	0	0	11,200
	High Vol Parts -	6,000	6,000	6,000	6,000	6,000	6,000	6,000	0	0	42,000
	Lab Instrument Parts -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	7,000
	OSL Badges -	24,000	24,000	24,000	12,000	6,000	3,000	3,000	1,500	0	97,500
	Radon Cup -	3,120	3,120	3,120	3,120	3,120	3,120	3,120	0	0	21,840
	Miscellaneous Parts -	500	500	500	500	500	500	500	0	0	3,500
718030 - Lab Fees:		84,944	84,944	84,944	56,144	41,744	34,544	34,544	34,544	3,600	459,952
	Bioassay Samples -	57,600	57,600	57,600	28,800	14,400	7,200	7,200	7,200	3,600	241,200
	High Vol Samples -	11,744	11,744	11,744	11,744	11,744	11,744	11,744	11,744	0	93,952
	Radon Cup Analysis -	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	0	124,800
610020 - Utilities:		4,464	4,464	4,464	4,464	4,464	4,464	4,464	4,464	0	35,712
	Electrical Meter 433983700 -	744	744	744	744	744	744	744	744	0	5,952
	Electrical Meter 453094400 -	744	744	744	744	744	744	744	744	0	5,952
	Electrical Meter 600986000 -	744	744	744	744	744	744	744	744	0	5,952
	Electrical Meter 453280400 -	744	744	744	744	744	744	744	744	0	5,952
	Electrical Meter 600095200 -	744	744	744	744	744	744	744	744	0	5,952
	Electrical Meter 453191600 -	744	744	744	744	744	744	744	744	0	5,952
711040 - Radiation Training:		3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	21,000
	Annual Radiation Refresher -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	0	14,000
	Employee Radiation Training -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	7,000
Total		139,100	139,100	139,100	98,064	77,546	67,287	63,287	40,567	3,600	767,651

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--Settlement Monument Monitoring--											
714090 - Outside Services:		10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	60,000
Surveying -		10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	60,000
Report Development -		0	0	0	0	0	0	0	0	0	0
<i>Total</i>		10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	60,000
<i>Total Monitoring/Regulatory</i>		1,370,880	1,370,880	1,290,880	1,229,844	609,326	544,067	370,067	120,567	23,600	6,930,111
HOLDING XXXXXX-811-23-5300		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Land--											
790060 - Land Purchase:		12,000,000	0	0	0	0	0	0	0	0	12,000,000
790090 - Land Rental:		0	0	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:		0	0	0	0	0	0	0	0	0	0
790010 - Appraisal :		0	0	0	0	0	0	0	0	0	0
790120 - Land Improvements:		212,000	212,000	212,000	212,000	4,000	144,000	24,000	24,000	20,000	1,064,000
Fencing -		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	16,000
Clean-up -		10,000	10,000	10,000	10,000	2,000	2,000	2,000	2,000	0	48,000
Building Demolition and Property Clean-up -		200,000	200,000	200,000	200,000	0	140,000	20,000	20,000	20,000	1,000,000
623010 - Property Tax:		100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,300,000
790120 - Surveying / Mapping:		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
<i>Total Holding</i>		12,327,000	377,000	377,000	377,000	169,000	309,000	189,000	189,000	170,000	14,484,000
SECURITY AND MAINTENANCE XXXXXX-811-23-5400		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Land and Structures--											
717030 - Surveillance:		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	32,000
<i>Total Security/Maintenance</i>		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	32,000
SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Severance and Relocation--											
xxxxxx - Severance and Relocation:		0	0	0	0	0	0	0	0	0	0
<i>Total Severance/Relocation</i>		0	0	0	0	0	0	0	0	0	0

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GENERAL AND ADMIN. XXXXXX-811-23-5500		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Salaries and Benefits--											
Managerial											
600000 - General Salaries - Closure Manager		121,000	121,000	121,000	121,000	121,000	121,000	121,000	121,000	121,000	1,089,000
600040 - Benefits - Closure Manager		54,450	54,450	54,450	54,450	54,450	54,450	54,450	54,450	54,450	490,050
600000 - General Salaries - Proj. Hydrogeologist		110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	0	880,000
600040 - Benefits - Proj. Hydrogeologist		49,500	49,500	49,500	49,500	49,500	49,500	49,500	49,500	0	396,000
600000 - General Salaries - Engineer		110,000	110,000	110,000	110,000	110,000	0	0	0	0	550,000
600040 - Benefits - Engineer		49,500	49,500	49,500	49,500	49,500	0	0	0	0	247,500
600000 - General Salaries - Compliance		110,000	110,000	110,000	110,000	110,000	0	0	0	0	550,000
600040 - Benefits - Compliance		49,500	49,500	49,500	49,500	49,500	0	0	0	0	247,500
600000 - General Salaries - Community Relations		82,500	82,500	82,500	82,500	82,500	0	0	0	0	412,500
600040 - Benefits - Community Relations		37,125	37,125	37,125	37,125	37,125	0	0	0	0	185,625
Foreman and Technical											
600001 - GW Salaries - Project Foreman		88,000	88,000	88,000	88,000	88,000	0	0	0	0	440,000
600040 - Benefits - Project Foreman		39,600	39,600	39,600	39,600	39,600	0	0	0	0	198,000
600001 - GW Salaries - Env. Technicians		330,000	275,000	220,000	165,000	55,000	0	0	0	0	1,045,000
600040 - Benefits - Env. Technicians		148,500	123,750	99,000	74,250	24,750	0	0	0	0	470,250
600001 - GW Salaries - Admin. Asst.		44,000	44,000	44,000	44,000	44,000	0	0	0	0	220,000
600040 - Benefits - Admin. Asst.		19,800	19,800	19,800	19,800	19,800	0	0	0	0	99,000
Overtime											
600001 - Employee Overtime		66,000	55,000	44,000	33,000	22,000	0	0	0	0	220,000
Other											
600050 - Temporary Labor:		247,500	247,500	247,500	247,500	247,500	82,500	49,500	0	0	1,369,500
601060 - Workman's Compensation:		0	0	0	0	0	0	0	0	0	0
601130 - Memberships:		0	0	0	0	0	0	0	0	0	0
601140 - Seminars and Training:		0	0	0	0	0	0	0	0	0	0
603000 - Employee Relations:		0	0	0	0	0	0	0	0	0	0
Total		1,756,975	1,666,225	1,575,475	1,484,725	1,314,225	417,450	384,450	334,950	175,450	9,109,925
--General Office Costs--											
622000 - Stationary & Supplies:		15,000	15,000	15,000	15,000	0	0	0	0	0	60,000
622040 - Publications & Subscriptions:		0	0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:		1,500	1,500	1,500	1,500	0	0	0	0	0	6,000
622070 - Lunch / Dinners:		0	0	0	0	0	0	0	0	0	0
Community Relations:		54,000	54,000	54,000	54,000	54,000	0	0	0	0	270,000
Total		70,500	70,500	70,500	70,500	54,000	0	0	0	0	336,000
--Occupancy Costs--											
610030 - Office - Other:		14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
Total		14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
--Communication Costs--											
620010 - Telecommunications:		15,400	15,400	15,400	15,400	0	0	0	0	0	61,600
620060 - Postage:		18,700	18,700	18,700	18,700	0	0	0	0	0	74,800
Total		34,100	34,100	34,100	34,100	0	0	0	0	0	136,400
--Data Processing Costs--											
621000 - Equipment Rental / Leases:		14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
Total		14,300	14,300	14,300	14,300	0	0	0	0	0	57,200
--Taxes, Licenses, and Fees--											
623000 - Office - Other:		330	330	330	330	330	0	0	0	0	1,650
Total		330	330	330	330	330	0	0	0	0	1,650
--Insurance--											
624040 - Insurance:		26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	237,600
Total		26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	26,400	237,600

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GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Travel and Accommodation--											
640000 - Travel - Air:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	40,000
640020 - Travel - Accommodation:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	40,000
640030 - Travel - Taxis:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	16,000
640050 - Travel - Gas:		8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	0	64,000
640060 - Travel - Meals:		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	8,000
Meals and Entertainment		5,000	5,000	5,000	5,000	5,000	0	0	0	0	25,000
Total		26,000	26,000	26,000	26,000	26,000	21,000	21,000	21,000	0	193,000
--Professional Fees--											
670000 - Legal Fees:		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
Total		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	120,000
--Outside Services--											
714090 - General Outside Services		41,000	41,000	41,000	41,000	41,000	5,000	5,000	0	0	215,000
Worker's Comp. Admin.		0	0	0	0	0	0	0	0	0	0
IT Consulting Services		36,000	36,000	36,000	36,000	36,000	0	0	0	0	180,000
Misc.(Grants Clinic)		5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	0	35,000
Total		41,000	41,000	41,000	41,000	41,000	5,000	5,000	0	0	215,000
--Temporary Office/Facilities --											
Temporary Office/Facilities		0	0	0	0	67,000	67,000	67,000	62,000	29,000	292,000
Building/Trailer Rental or Purchase:		0	0	0	0	12,000	12,000	12,000	12,000	6,000	54,000
Utilities:		0	0	0	0	5,000	5,000	5,000	5,000	3,000	23,000
Telephone/Fax/Data Line:		0	0	0	0	15,000	15,000	15,000	15,000	5,000	65,000
Stationary and Supplies:		0	0	0	0	15,000	15,000	15,000	15,000	5,000	65,000
Office Equipment Rental/Purchase:		0	0	0	0	10,000	10,000	10,000	10,000	5,000	45,000
Postage/Admin. Services/Miscellaneous:		0	0	0	0	10,000	10,000	10,000	5,000	5,000	40,000
Total		0	0	0	0	67,000	67,000	67,000	62,000	29,000	292,000
Total General/Admin.		1,998,905	1,908,155	1,817,405	1,726,655	1,543,955	551,850	518,850	459,350	230,850	10,755,975
Grand Total		19,021,748	11,559,344	9,092,472	6,851,894	5,976,519	1,609,458	1,214,817	870,673	1,260,506	57,457,431

MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
--Misc. Income--											
499000 - Misc. Income:		0	0	0	0	0	0	0	0	0	0
Total Misc. Income.		0	0	0	0	0	0	0	0	0	0

(4A) Comments and Profit

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SITE DEMOLITION / CLOSURE / RECLAMATION		COST									
XXXXXX-810-23-3600		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
		PERCENTAGE									
711040 - Consulting:	Closure Plan Studies -	NA									
	Closure Plan Engineering -	NA	These services are provided by third party contractors and include all costs to be paid to contractor. Any profit or additional costs for management of the contractors is included in the salaries and administrative section.								
	Closure Plan Permitting -	NA									
714090 - Outside Services:	Pond Decommissioning/Liner Removal	NA									
	Pond Reclamation and Cleanup -	NA									
	Pond Area Building Demolition -	NA									
	Zeolite Decommissioning/Liner Removal -	NA									
	Zeolite Haulage/Disposal -	NA									
	Zeolite System Structure Demolition -	NA									
	RO Demolition -	NA									
	Disposal in EP1 -	NA									
	LTP Cover and Rock Haulage and Placement -	NA									
	Buried Pipe Removal -	NA									
	STP Regrade and Cover -	NA	These services are provided by third party contractors and include all cost to be paid to contractor. Any profit or additional costs for management of the contractors is included in the salaries and administrative section.								
	Radon Barrier and Rock QA/QC -	NA									
	Testing, Borrow Prep. and Tank Cutting -	NA									
	Office Yard Gravel Removal -	NA									
	Office and Shop Area Demolition -	NA									
	Water Tower Demolition -	NA									
	Road Maintenance -	NA									
	Environmental Monitoring -	NA									
	Revegetation -	NA									
	Mobilization/Demobilization -	NA									
	Construction Management -	NA									
	Administration -	NA									

WATER TREATMENT XXXXXX-810-23-5100		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--General--											
717050 - Fuel:											
	Diesel	NA	Diesel costs paid directly to supplier - no additional costs involved.								
	Gas	NA	Gasoline costs paid directly to supplier - no additional costs involved.								
718010 - Freight and Transportation:		NA	Freight and Transportation - no additional costs involved.								
717060 - Equipment Expenses:											
	Crane	NA	Contract crane service - estimated use two days per year.								
	Loader	NA	Loader maintained on site for occasional usage. Estimated usage less than 500 hours/year.								
	Backhoe	NA	Backhoe maintained on site for occasional usage. Estimated usage less than 500 hours/year.								
	Cat Dozer	NA	Dozer leased for one month per year.								
	Forklift	NA	Forklift used for loading and unloading equipment. Estimated usage less than 500 hours/year.								
	Large Equipment Replacement	NA	Includes costs for replacing or possibly refurbishing/overhauling loader, backhoe or forklift.								
	Compressor	NA	General usage air compressor - prorated maintenance and/or replacement.								
	Onan Small Generator	NA	General usage generator - prorated maintenance and/or replacement.								
	New Generator	NA	General usage generator - prorated maintenance and/or replacement.								
	HDPE Fusion Machines	NA	HDPE fusion machines - prorated maintenance and/or replacement.								
	Pump Unit	NA	Pump unit for sampling or testing - prorated rental or lease.								
	Misc. Equipment Rental	NA	Estimated additional equipment rental.								
	All Other Equipment	NA	Miscellaneous equipment costs.								
717075 - Vehicle Expenses:											
	Vehicle Maintenance and Repair	NA	General vehicle maintenance costs.								
	Truck Leasing	NA	Site pickup leasing costs.								
	Support Vehicle Leasing	NA	Support vehicle leasing costs.								
610020 - Utilities:											
	Electrical Meter 453097200	NA	Direct electrical power costs.								
	Electrical Meter 453283402	NA									
	Electrical Meter 453283302	NA									
	Electrical Meter 606480500	NA									
	Natural Gas Meter 0812933	NA									
	Natural Gas Meter 0814134	NA									
--Tailings Water Management--											
711030 - Water Analysis:											
	A-list	NA	Direct laboratory costs								
	B-list	NA	Direct laboratory costs								
	C-list	NA	Direct laboratory costs								

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
711030 - Water Analysis (Cont.):											
	D-list	NA	Direct laboratory costs								
	E-list	NA	Direct laboratory costs								
	B/F-list	NA	Direct laboratory costs								
	G-list	NA	Direct laboratory costs								
	H-list	NA	Direct laboratory costs								
	I-list	NA	Direct laboratory costs								
	J-list	NA	Direct laboratory costs								
	KPA Samples	NA	Estimated sample processing costs								
714010 - Driller costs:											
	New Tailings and Perched Alluvial Wells (5")	NA	Contract drilling services - no additional cost.								
	New Tailings Wells (2")	NA	Contract drilling services - no additional cost.								
	Tailings Well Development	NA	Contract drilling services - no additional cost.								
	5" Tailings Well/Sump Abandonment	NA	Contract drilling services - no additional cost.								
	2" Tailings Well Abandonment	NA	Contract drilling services - no additional cost.								
	Perched Alluvial Well Abandonment	NA	Contract drilling services - no additional cost.								
	U. Chinle Well Development	NA	Contract drilling services - no additional cost.								
	U. Chinle Well Abandonment	NA	Contract drilling services - no additional cost.								
610020 - Utilities:											
	Electrical Meter 453180401	NA	Direct electrical power costs.								
	Electrical Meter 453086900	NA									

WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
		PERCENTAGE									
Toe Drains and Sumps Collection											
711040 - Consulting Services:											
Hydrologist/Engineer -	NA	Payments to consultant for services - no additional profit or costs.									
714090 - Outside Services:											
Pump/motor repair -	NA	Estimated pump repair costs at pump service firm.									
Electrician -	NA	Payments to electrical contractor.									
711020 - Parts and Supplies:											
Sump Collection Materials -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Piping and Fittings -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Valves -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Meters -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Electrical System Parts -	NA	Parts and supplies from electrical equipment supplier.									
712010 - Pumps:											
Submersible Pumps -	NA	Parts and supplies from pump, piping or plumbing supplier.									
WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
		PERCENTAGE									
-Groundwater Management-											
711030 - Water Analysis:											
A-list	NA	Direct laboratory costs									
B-list	NA	Direct laboratory costs									
C-list	NA	Direct laboratory costs									
D-list	NA	Direct laboratory costs									
E-list	NA	Direct laboratory costs									
B/F-list	NA	Direct laboratory costs									
G-list	NA	Direct laboratory costs									
H-list	NA	Direct laboratory costs									
I-list	NA	Direct laboratory costs									
J-list	NA	Direct laboratory costs									
Column Tests	NA	Direct laboratory costs									
KPA Samples	NA	Estimated sample processing costs									
714010 - Driller costs:											
New Alluvial Wells -	NA	Contract drilling services - no additional cost.									
Alluvial Well Development -	NA	Contract drilling services - no additional cost.									
Alluvial Well Abandonment -	NA	Contract drilling services - no additional cost.									
New U. Chinle Wells -	NA	Contract drilling services - no additional cost.									
U. Chinle Well Development -	NA	Contract drilling services - no additional cost.									
U. Chinle Well Abandonment -	NA	Contract drilling services - no additional cost.									
New M. Chinle Wells -	NA	Contract drilling services - no additional cost.									
M. Chinle Well Development -	NA	Contract drilling services - no additional cost.									
M. Chinle Well Abandonment -	NA	Contract drilling services - no additional cost.									
New L. Chinle Wells -	NA	Contract drilling services - no additional cost.									
L. Chinle Well Development -	NA	Contract drilling services - no additional cost.									
L. Chinle Well Abandonment -	NA	Contract drilling services - no additional cost.									
San Andres Well Rehab/Replacement -	NA	Contract drilling services - no additional cost.									
San Andres Well Abandonment -	NA	Contract drilling services - no additional cost.									
Drilling Mobilization/Demobilization -	NA	Contract drilling services - no additional cost.									
Abandon Sumps -	NA	Contract drilling services - no additional cost.									
Groundwater Collection											
714090 - Outside Services:											
Electrician -	NA	Payments to electrical contractor.									
Continental Divide -	NA	Payments to electrical contractor.									
Surveyor -	NA	Anticipated costs for contract surveying services.									
Well Logging Services -	NA	Anticipated costs for contract geophysical logging services.									
711040 - Consulting Services:											
Hydrologist/Engineer -	NA	Payments to consultant for services - no additional profit or costs.									
General On-Site											
610020 - Utilities:											
Electrical Meter 453180401 -	NA	Direct electrical power costs									

WATER TREATMENT (Cont.)			COST										
XXXXXX-810-23-5100			ADJUSTMENT		2022	2023	2024	2025	2026	2027	2028	2029	2030
General North Off-Site			PERCENTAGE										
610020 - Utilities:													
	Electrical Meter Composite -	NA							Composited direct electrical power costs				
General South Off-Site													
610020 - Utilities:													
	Electrical Meter Composite -	NA							Composited direct electrical power costs				
New Collection Wells - 2012 Permit													
711020 - Parts and Supplies:													
	Collection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Electrical System Parts -	NA							Parts and supplies from electrical equipment supplier.				
712010 - Pumps:													
	Submersible Pumps -	NA							Parts and supplies from pump, piping or plumbing supplier.				
Alluvial On-Site Collection Wells													
711020 - Parts and Supplies:													
	Collection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Electrical System Parts -	NA							Parts and supplies from electrical equipment supplier.				
712010 - Pumps:													
	Submersible Pumps -	NA							Parts and supplies from pump, piping or plumbing supplier.				
Groundwater Injection													
714090 - Outside Services:													
	Surveyor -	NA							Anticipated costs for contract surveying services.				
711040 - Consulting Services:													
	Hydrologist/Engineer -	NA							Payments to consultant for services - no additional profit or costs.				
Deep Wells													
711020 - Parts and Supplies:													
	Collection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
711020 - Parts and Supplies (Cont.):													
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Electrical System Parts -	NA							Parts and supplies from electrical equipment supplier.				
712010 - Pumps:													
	Submersible Pumps -	NA							Parts and supplies from pump, piping or plumbing supplier.				
610020 - Utilities:													
	Electrical Meter 453180401 -	NA											
	Electrical Meter 453190200 -	NA							Direct electrical power costs.				
Alluvial On-Site Injection Wells													
711020 - Parts and Supplies:													
	Injection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
New Collection Wells - 2012 Permit													
711020 - Parts and Supplies:													
	Injection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
Upper Chinle													
711020 - Parts and Supplies:													
	Injection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
Middle Chinle													
711020 - Parts and Supplies:													
	Injection Wellhead Materials -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Piping and Fittings -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Valves -	NA							Parts and supplies from hardware, piping or plumbing supplier.				
	Meters -	NA							Parts and supplies from hardware, piping or plumbing supplier.				

WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
		PERCENTAGE									
R.O. Plant Operations											
714090 - Outside Services:											
	Electrician -	NA	Payments to electrical contractor.								
	Pump/motor repair -	NA	Estimated pump repair costs at pump service firm.								
711040 - Consulting Services:											
	Hydrologist/Engineer -	NA	Payments to consultant for services - no additional profit or costs.								
	R.O. Engineer -	NA	Payments to consultant for services - no additional profit or costs.								
	Electronics -	NA	Payments to consultant for services - no additional profit or costs.								
610020 - Utilities:											
	Electrical Meter 453180503 -	NA	Direct electrical power costs								
	Natural Gas Meter 0807957 -	NA	Direct natural gas costs								
711020 - Parts and Supplies:											
	Piping and Fittings -	NA	Parts and supplies from hardware, piping or plumbing supplier.								
	Valves -	NA	Parts and supplies from hardware, piping or plumbing supplier.								
	Meters -	NA	Parts and supplies from hardware, piping or plumbing supplier.								
	Computer -	NA	Parts and supplies from electronics/computer supplier.								
	Equipment Maintenance/Upgrade -	NA	Unspecified equipment - direct equipment purchase - no additional costs or profit.								
	Instruments -	NA	Parts and supplies from electronics/computer supplier.								
	Filters -	NA	Consumables purchased for operation of R.O.								
	Membranes (LPRO) -	NA	Consumables purchased for operation of R.O.								
	Membranes (HPRO) -	NA	Consumables purchased for operation of R.O.								
	Sand Filter Media -	NA	Sand filter media requiring regular replacement.								
	Air Diffusers -	NA	Air diffusers requiring regular replacement.								
	Caustic Soda -	NA	Consumables purchased for operation of R.O.								
	Sulfuric Acid -	NA	Consumables purchased for operation of R.O.								
	Anti-Scalant -	NA	Consumables purchased for operation of R.O.								
	Lime (Bulk) -	NA	Consumables purchased for operation of R.O.								
	Muriatic Acid -	NA	Consumables purchased for operation of R.O.								
	Membrane Cleaner -	NA	Consumables purchased for operation of R.O.								
	Building / Facility -	NA	General building maintenance costs - no additional profit or costs.								
	Heating / AC -	NA	Building heating/AC maintenance costs - likely done by contract service.								
	Electrical -	NA	Building electrical system maintenance costs - likely done by contract service.								
712010 - Pumps:											
	Pumps/Starters -	NA	Parts and supplies from pump, piping or plumbing supplier.								
711030 - Water Analysis:											
	A-list	NA	Direct laboratory costs								
	B-list	NA	Direct laboratory costs								
	C-list	NA	Direct laboratory costs								
	D-list	NA	Direct laboratory costs								
	E-list	NA	Direct laboratory costs								
	B/F-list	NA	Direct laboratory costs								
	G-list	NA	Direct laboratory costs								
	H-list	NA	Direct laboratory costs								
	I-list	NA	Direct laboratory costs								
	J-list	NA	Direct laboratory costs								
	KPA Samples	NA	Estimated sample processing costs								

GRANTS PROJECT
Closure Cost Estimate
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WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
		PERCENTAGE									
Expanded R.O. Water Treatment											

WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT	2022	2023	2024	2025	2026	2027	2028	2029	2030
Zeolite Water Treatment		PERCENTAGE									
714090 - Outside Services:											
Electrician -	NA	Payments to electrical contractor.									
711040 - Consulting Services:											
Water Treatment Consultant	NA	Payments to consultant for services - no additional profit or costs.									
Hydrology Consultant -	NA	Payments to consultant for services - no additional profit or costs.									
711020 - Parts and Supplies:											
Piping, Tankage and Fittings -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Valves -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Meters -	NA	Parts and supplies from hardware, piping or plumbing supplier.									
Instruments -	NA	Parts and supplies from electronics/computer supplier.									
Data Control Equipment -	NA	Parts and supplies from electronics/computer supplier.									
Sulfuric Acid -	NA	Sulfuric acid purchased for zeolite water treatment.									
Placeholder Consumable \$(gal treated)	NA	Additional consumables purchased for zeolite water treatment									
Acid Metering Pumps -		NA									
711030 - Water Analysis:											
A-list	NA	Direct laboratory costs									
B-list	NA	Direct laboratory costs									
C-list	NA	Direct laboratory costs									
D-list	NA	Direct laboratory costs									
E-list	NA	Direct laboratory costs									
B/F-list	NA	Direct laboratory costs									
G-list	NA	Direct laboratory costs									
H-list	NA	Direct laboratory costs									
I-list	NA	Direct laboratory costs									
J-list	NA	Direct laboratory costs									
KPA Samples	NA	Estimated sample processing costs									
610020 - Utilities:											
Electrical Meter	NA	Direct electrical power costs									
Natural Gas Meter -	NA										

WATER TREATMENT (Cont.)		COST									
XXXXXX-810-23-5100		ADJUSTMENT									
--Evaporation System Management--		PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
714090 - Outside Services:											
	Electrician -	NA	Payments to electrical contractor.								
	Pump/motor Repair -	NA	Estimated pump repair costs at pump service firm.								
	Liner Repair -	NA	Payments to liner repair contractor - no additional profit or costs.								
711040 - Consulting Services:											
	Hydrologist/Engineer -	NA	Payments to consultant for services - no additional profit or costs.								
	Odor Control -	NA	Payments to consultant for services - no additional profit or costs.								
711030 - Water Analysis:											
	A-list	NA	Direct laboratory costs								
	B-list	NA	Direct laboratory costs								
	C-list	NA	Direct laboratory costs								
	D-list	NA	Direct laboratory costs								
	E-list	NA	Direct laboratory costs								
	B/F-list	NA	Direct laboratory costs								
	G-list	NA	Direct laboratory costs								
	H-list	NA	Direct laboratory costs								
	I-list	NA	Direct laboratory costs								
	J-list	NA	Direct laboratory costs								
	KPA Samples	NA	Estimated sample processing costs								

WATER TREATMENT (Cont.)		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
XXXXXX-810-23-5100											
610020 - Utilities:	Electrical Meter 453180401 -	NA									
East Collection Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	NA									
	Copper Sulfate (East Pond) -	NA									
	Citric Acid (East Pond) -	NA									
	Valves -	NA									
	Meters -	NA									
West Collection Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	NA									
	Copper Sulfate (West Pond) -	NA									
	Citric Acid (West Pond) -	NA									
	Sludge Transfer Materials -	NA									
	Valves -	NA									
	Meters -	NA									
No. 1 Evaporation Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	NA									
	Valves -	NA									
	Meters -	NA									
	Citric Acid -	NA									
	Copper Sulfate (Pond 1) -	NA									
	APEX Evaporator Maintenance -	NA									
712010 - Pumps:											
	Centrifugal Pumps -	NA									
	Centrifugal Pump Parts -	NA									
	Major Repair for APEX Unit -	NA									
No. 2 and No. 3 Evaporation Ponds											
711020 - Parts and Supplies:											
	Piping and Fittings (Pond 2) -	NA									
	APEX Evaporator Maintenance (Pond 2) -	NA									
	Valves (Pond 2) -	NA									
	Meters (Pond 2) -	NA									
	Citric Acid (Pond 2) -	NA									
	Copper Sulfate (Pond 2) -	NA									
	Piping and Fittings (Pond 3) -	NA									
	APEX Evaporator Maintenance (Pond 3) -	NA									
	Valves (Pond 3) -	NA									
	Meters (Pond 3) -	NA									
	Citric Acid (Pond 3) -	NA									
	Copper Sulfate (Pond3) -	NA									
712010 - Pumps:											
	Centrifugal Pumps (Pond 2) -	NA									
	Centrifugal Pump Parts (Pond 2) -	NA									
	Centrifugal Pumps (Pond 3) -	NA									
	Centrifugal Pump Parts (Pond 3) -	NA									

WATER TREATMENT (Cont.)		COST										
XXXXXX-810-23-5100		ADJUSTMENT	PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land Application Area Management and Closure--												
714090 - Outside Services:												
Vegetation and Field Maintenance -	NA	Payment for agricultural fieldwork services.										
711020 - Parts and Supplies:												
Permanent Vegetation Seed -	NA	Native and other perennial seed										
Cereal Grains -	NA	Grain seed (barley, wheat, oats etc.)										
Fertilizer -	NA	Fertilizer for fields										
Fencing -	NA	Fencing of agricultural fields										
711030 - Water Analysis:												
A-list	NA	Direct laboratory costs										
B-list	NA	Direct laboratory costs										
C-list	NA	Direct laboratory costs										
D-list	NA	Direct laboratory costs										
E-list	NA	Direct laboratory costs										
B/F-list	NA	Direct laboratory costs										
G-list	NA	Direct laboratory costs										
H-list	NA	Direct laboratory costs										
I-list	NA	Direct laboratory costs										
J-List	NA	Direct laboratory costs										
KPA Samples	NA	Estimated sample processing costs										

MONITORING/REGULATORY XXXXXX-810-23-5200		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--General--											
718900 - NRC Fees:	NA	Fees paid to NRC									
718025 - Permitting Fees:	NA	Other permitting fees.									
711040 - Consulting Services:											
Hydrologist/Engineer -											
Annual Report -	NA	Payments to consultant for services - no additional profit or costs.									
CAP -	NA	Payments to consultant for services - no additional profit or costs.									
ACL -	NA	Payments to consultant for services - no additional profit or costs.									
Numerical Modeling -	NA	Payments to consultant for services - no additional profit or costs.									
ALARA Consulting -	NA	Payments to consultant for services - no additional profit or costs.									
General Consulting -	NA	Payments to consultant for services - no additional profit or costs.									
DOE Reporting -	NA	Payments to consultant for services - no additional profit or costs.									
DP Renewal -	NA	Payments to consultant for services - no additional profit or costs.									
EPA Oversight -	NA	Payments to consultant for services - no additional profit or costs.									
Radiological Consulting and RSO services -	NA	Payments to consultant for services - no additional profit or costs.									
DRP Development -	NA	Payments to consultant for services - no additional profit or costs.									
--Air / Weather Monitoring--											
714090 - Outside Services:	NA	Contract services for weather station maintenance/calibration etc.- no additional profit or costs.									
711020 - Parts and Supplies:	NA	Parts for weather and air monitoring equipment.									
610020 - Utilities:											
Electrical Meter 453181900 -	NA	Direct electrical power costs									
--Radiation Monitoring--											
714090 - Outside Services:	NA	Contract services for equipment calibration etc.- no additional profit or costs.									
711020 - Parts and Supplies:											
Bioassay Sample Bottles -	NA	Radiation sampling supplies									
High Vol Filters -	NA	Radiation sampling supplies									
High Vol Parts -	NA	Radiation sampling supplies									
Lab Instrument Parts -	NA	Radiation sampling supplies									
OSL Badges -	NA	Radiation sampling supplies									
Radon Cups -	NA	Radiation sampling supplies									
Miscellaneous Parts -	NA	Radiation sampling supplies									
718030 - Lab Fees:											
Bioassay Samples -	NA	Direct laboratory costs									
High Vol Samples -	NA	Direct laboratory costs									
Radon Cup Analysis -	NA	Direct laboratory costs									
610020 - Utilities:											
Electrical Meter 433983700 -	NA	Direct electrical power costs									
Electrical Meter 453094400 -	NA	Direct electrical power costs									
Electrical Meter 600986000 -	NA	Direct electrical power costs									
Electrical Meter 453280400 -	NA	Direct electrical power costs									
Electrical Meter 600095200 -	NA	Direct electrical power costs									
Electrical Meter 453191600 -	NA	Direct electrical power costs									
711040 - Radiation Training:											
Annual Radiation Refresher -	NA	Fees paid to contract training service.									
Employee Radiation Training -	NA	Fees paid to contract training service.									

MONITORING/REGULATORY (Cont.)
XXXXXX-810-23-5200

MONITORING/REGULATORY (Cont.)		COST ADJUSTMENT PERCENTAGE									
XXXXXX-810-23-5200			2022	2023	2024	2025	2026	2027	2028	2029	2030
--Settlement Monument Monitoring--											
714090 - Outside Services:											
Surveying -	NA	Payments to contract surveyor for services - no additional profit or costs.									
Report Development -	NA	Payments to contract surveyor for services - no additional profit or costs.									

HOLDING
XXXXXX-811-23-5300

HOLDING		COST										
XXXXXX-811-23-5300		ADJUSTMENT	PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land--												
790060 - Land Purchase:		NA										
790090 - Land Rental:		NA										
790110 - Title Commitment Policy:		NA										
790010 - Appraisal :		NA										
790120 - Land Improvements:												
Fencing -		NA										
Clean-up -		NA										
Building Demolition and Property Clean-up -		NA										
623010 - Property Tax:		NA										
790120 - Surveying / Mapping:		NA										

SECURITY AND MAINTENANCE
XXXXXX-811-23-5400

SECURITY AND MAINTENANCE XXXXXX-811-23-5400	COST ADJUSTMENT PERCENTAGE									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land and Structures--										
717030 - Surveillance:	NA	Payments to contract security service - no additional profit or costs.								

SEVERANCE AND RELOCATION
XXXXXX-XXX-XX-XXXX

SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX	COST ADJUSTMENT PERCENTAGE									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Severance and Relocation--										
xxxxxx - Severance and Relocation:	NA	No severance or relocation costs anticipated								

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GENERAL AND ADMIN XXXXXX-811-23-5500		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Salaries and Benefits--											
Managerial											
600000 - General Salaries - Closure Manager	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Closure Manager	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600000 - General Salaries - Proj. Hydrogeologist	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Proj. Hydrogeologist	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600000 - General Salaries - Engineer	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Engineer	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600000 - General Salaries - Compliance	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Compliance	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600000 - General Salaries - Community Relations	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Community Relations	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Foreman and Technical											
600001 - GW Salaries - Project Foreman	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Project Foreman	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600001 - GW Salaries - Env. Technicians	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Env. Technicians	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600001 - GW Salaries - Admin. Asst.	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600040 - Benefits - Admin. Asst.	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Overtime											
600001 - Employee Overtime	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Other											
600050 - Temporary Labor:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
601060 - Workman's Compensation:	NA										
601130 - Memberships:	NA										
601140 - Seminars and Training:	NA										
603000 - Employee Relations:	NA										
--General Office Costs--											
622000 - Stationary & Supplies:	NA										
622040 - Publications & Subscriptions:	NA										
622050 - Miscellaneous:	NA										
622070 - Lunch / Dinners:	NA										
Community Relations:	NA										
--Occupancy Costs--											
610030 - Office - Other:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
--Communication Costs--											
620010 - Telecommunications:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
620060 - Postage:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
--Data Processing Costs--											
621000 - Equipment Rental / Leases:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
--Taxes, Licenses, and Fees--											
623000 - Office - Other:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
--Insurance--											
624040 - Insurance:	10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Travel and Accommodation--											
640000 - Travel - Air:	NA	Direct Costs									
640020 - Travel - Accommodation:	NA	Direct Costs									
640030 - Travel - Taxis:	NA	Direct Costs									
640050 - Travel - Gas:	NA	Direct Costs									
640060 - Travel - Meals:	NA	Direct Costs									
Meals and Entertainment	NA	Direct Costs									
--Professional Fees--											
670000 - Legal Fees:	NA	Legal fees paid to contract law firm.									
--Outside Services--											
714090 - Worker's Comp. Admin:	NA	No cost assigned									
IT Consulting Services	NA	Payments to consultant for services - no additional profit or costs.									
Misc.(Grants Clinic)	NA	Payments to Grants Medical Clinic for services - no additional profit or costs.									
--Temporary Office/Facilities --											
Building/Trailer Rental or Purchase	NA	Direct Costs									
610020 - Utilities:	NA	Direct Costs									
620010 - Telephone/Fax/Data Line:	NA	Direct Costs									
622000 - Stationary & Supplies:	NA	Direct Costs									
Office Equipment Rental/Purchase	NA	Direct Costs									
Postage/Admin. services/Miscellaneous	NA	Direct Costs									
MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX		COST ADJUSTMENT PERCENTAGE	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Misc. Income--											
499000 - Misc. Income:	NA	No income anticipated									

(5) Unit Costs and Quantities

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GRANTS PROJECT
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Unit Costs/Quantities
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SITE DEMOLITION / CLOSURE / RECLAMATION
XXXXXX-810-23-3600

	UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
711040 - Consulting:										
Closure Plan Studies -	120,929.54	0.4	0.6	0	0	0	0	0	0	0
Closure Plan Engineering -	120,929.54	0.4	0.6	0	0	0	0	0	0	0
Closure Plan Permitting -	519,605.74	0.5	0.5	0	0	0	0	0	0	0
714090 - Outside Services:										
Pond Decommissioning/Liner Removal -	1,257,982.12	0	0.2	0.4	0.4	0	0	0	0	0
Pond Reclamation and Cleanup -	1,501,864.27	0	0.2	0.4	0.4	0	0	0	0	0
Pond Area Building Demolition -	4,736.73	0	0	1	0	0	0	0	0	0
Zeolite Decommissioning/Liner Removal -	27,210.71	1	0	0	0	0	0	0	0	0
Zeolite Haulage/Disposal -	104,891.77	1	0	0	0	0	0	0	0	0
Zeolite System Structure Demolition -	12,581.73	1	0	0	0	0	0	0	0	0
RO Demolition -	85,879.40	0	1	0	0	0	0	0	0	0
Disposal in EP1 -	306,448.92	0	0.2	0.3	0.5	0	0	0	0	0
LTP Cover and Rock Haulage and Placement -	3,283,605.87	0	0.5	0.5	0	0	0	0	0	0
Buried Pipe Removal -	2,047,350.54	0.1	0.8	0	0	0.1	0	0	0	0
STP Regrade and Cover -	1,999,828.43	0	0	0	0	1	0	0	0	0
Radon Barrier and Rock QA/QC -	727,968.68	0	0.4	0.4	0	0.2	0	0	0	0
Testing, Borrow Prep. and Tank Cutting -	961,177.76	0	0.8	0.1	0	0.1	0	0	0	0
Office Yard Gravel Removal -	11,469.78	0	0	0	0	1	0	0	0	0
Office and Shop Area Demolition -	42,423.73	0	0	0	0	1	0	0	0	0
Water Tower Demolition -	2,015.03	0	0	0	0	1	0	0	0	0
Road Maintenance -	1,157,737.29	0	0.25	0.25	0.25	0.25	0	0	0	0
Environmental Monitoring -	55,288.18	0	0	0	0	0	0.5	0.5	0	0
Revegetation -	919,489.12	0	0.25	0.25	0.25	0.25	0	0	0	0
Mobilization/Demobilization -	117,029.76	0	0.25	0.25	0.25	0.25	0	0	0	0
Construction Management -	1,166,378.47	0	0.25	0.25	0.25	0.25	0	0	0	0
Administration -	554,936.29	0.1	0.2	0.2	0.2	0.2	0.1	0	0	0

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WATER TREATMENT XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--General--											
717050 - Fuel:											
Diesel -	5.49	2570	2570	2570	2570	500	0	0	0	0	0
Gas -	3.96	4629	4629	4629	4629	1000	500	500	500	500	500
718010 - Freight and Transportation:		5,000.00	1	1	1	1	0	0	0	0	0
717060 - Equipment Expenses:											
Crane -	4,000.00	4	4	2	2	0	0	0	0	0	0
Loader -	8,000.00	1	1	1	1	0	0	0	0	0	0
Backhoe -	5,000.00	1	1	1	1	0	0	0	0	0	0
Cat Dozer -	15,810.00	1	1	1	1	0	0	0	0	0	0
Forklift -	2,000.00	1	1	1	1	0	0	0	0	0	0
Large Equipment Replacement -	75,000.00	1	1	0	0	0	0	0	0	0	0
Compressor -	500.00	1	1	1	1	0	0	0	0	0	0
Onan Small Generator -	500.00	1	1	1	1	1	1	1	1	1	0
New Generator -	500.00	1	1	1	1	1	1	1	1	1	0
HDPE Fusion Machines -	1,500.00	1	1	1	1	0	0	0	0	0	0
Pump Unit -	4,000.00	1	1	1	1	1	1	1	1	1	0
Misc. Equipment Rental -	7,000.00	1	1	1	1	0	0	0	0	0	0
All Other Equipment -	2,000.00	1	1	1	1	0	0	0	0	0	0
717075 - Vehicle Expenses:											
Vehicle Maintenance and Repair -	2,300.00	10	10	10	8	6	2	2	2	2	1
Truck Leasing -	12,900.00	9	9	9	7	5	1	1	1	1	0
Admin. Vehicle Leasing -	12,000.00	1	1	1	1	1	1	1	1	1	1
610020 - Utilities:											
Electrical Meter Office and Shop -	0.1200	115000	115000	115000	115000	0	0	0	0	0	0
Electrical Meter 453283402 -	0.1200	0	0	0	0	0	0	0	0	0	0
Electrical Meter 453283302 -	0.1200	0	0	0	0	0	0	0	0	0	0
Electrical Meter 606480500 -	0.1200	1200	1200	1200	1200	0	0	0	0	0	0
Natural Gas Meter Office and Shop -	0.4900	4500	4500	4500	4500	0	0	0	0	0	0
Natural Gas Meter 0814134 -	0.4900	0	0	0	0	0	0	0	0	0	0
--Tailings Water Management--											
711030 - Water Analysis:											
A-list -	120.00	0	0	0	0	0	0	0	0	0	0
B-list -	224.00	0	0	0	0	0	0	0	0	0	0
C-list -	106.00	0	0	0	0	0	0	0	0	0	0

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
711030 - Water Analysis (Cont.):											
D-list -	317.00	0	0	0	0	0	0	0	0	0	0
E-list -	120.00	0	0	0	0	0	0	0	0	0	0
B/F-list -	399.00	0	0	0	0	0	0	0	0	0	0
G-list -	127.00	0	0	0	0	0	0	0	0	0	0
H-list -	130.00	5	5	0	0	0	0	0	0	0	0
I-list -	137.00	0	0	0	0	0	0	0	0	0	0
J-list -	151.00	0	0	0	0	0	0	0	0	0	0
KPA Samples -	20.00	0	0	0	0	0	0	0	0	0	0
714010 - Driller costs:											
New Tailings and Perched Alluvial Wells (5') -	8,101.00	0	0	0	0	0	0	0	0	0	0
New Tailings Wells (2') -	3,988.00	0	0	0	0	0	0	0	0	0	0
Tailings Well Development -	1,869.00	0	0	0	0	0	0	0	0	0	0
5"Tailings Well/Sump Abandonment -	1,890.00	0	0	6	0	0	0	0	0	0	0
2" Tailings Well Abandonment -	1,260.00	0	0	9	0	0	0	0	0	0	0
Perched Alluvial Well Abandonment -	2,090.00	0	0	0	0	0	0	0	0	0	0
U. Chinle Well Development -	1,745.00	0	0	0	0	0	0	0	0	0	0
U. Chinle Well Abandonment -	2,600.00	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:											
Electrical Meter 453180401 -	0.1200	844.2	0	0	0	0	0	0	0	0	0
Electrical Meter 453086900 -	0.1200	0	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
Toe Drains and Sumps Collection											
711040 - Consulting Services:											
	Hydrologist/Engineer -	5,000.00	0	0	0	0	0	0	0	0	0
714090 - Outside Services:											
	Pump/motor repair -	1,000.00	0	0	0	0	0	0	0	0	0
	Electrician -	500.00	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:											
	Sump Collection Materials -	500.00	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	100.00	0	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0	0
	Meters -	120.00	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	0	0	0	0	0	0	0	0	0
712010 - Pumps:											
	Submersible Pumps -	310.00	0	0	0	0	0	0	0	0	0
WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Groundwater Management--											
711030 - Water Analysis:											
	A-list	120.00	5	5	5	5	0	0	0	0	0
	B-list	224.00	20	20	20	20	0	0	0	0	0
	C-list	106.00	0	0	0	0	0	0	0	0	0
	D-list	317.00	0	0	0	0	0	0	0	0	0
	E-list	120.00	0	0	0	0	0	0	0	0	0
	B/F-list	399.00	150	150	150	150	150	150	150	150	150
	G-list	127.00	80	80	80	80	0	0	0	0	0
	H-list	130.00	200	200	200	200	100	100	50	0	0
	I-list	137.00	75	75	75	75	0	0	0	0	0
	J-list	151.00	40	40	40	40	0	0	0	0	0
	Column Tests	193.00	0	0	0	0	0	0	0	0	0
	KPA Samples	20.00	400	400	400	400	200	100	50	0	0
714010 - Driller costs:											
	New Alluvial Wells -	8,101.00	10	0	0	0	0	0	0	0	0
	Alluvial Well Development -	1,745.00	0	0	0	0	0	0	0	0	0
	Alluvial Well Abandonment -	2,090.00	0	172	300	300	0	0	0	0	80
	New U. Chinle Wells -	9,347.00	0	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	1,745.00	0	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	2,600.00	0	20	16	12	0	0	0	0	10
	New M. Chinle Wells -	12,463.00	0	0	0	0	0	0	0	0	0
	M. Chinle Well Development -	1,745.00	0	0	0	0	0	0	0	0	0
	M. Chinle Well Abandonment -	2,600.00	0	24	25	26	0	0	0	0	10
	New L. Chinle Wells -	12,463.00	0	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	1,745.00	0	0	0	0	0	0	0	0	0
	L. Chinle Well Abandonment -	2,600.00	0	0	10	16	0	0	0	0	6
	San Andres Well Rehab/Replacement -	44,000.00	0	0	0	0	0	0	0	0	0
	San Andres Well Abandonment -	100,000.00	0	0	0	1	0	0	0	0	5
	Drilling Mobilization/Demobilization -	8,000.00	0	5	7	7	0	0	0	0	3
	Abandon Sumps -	650.00	0	9	0	0	0	0	0	0	0
Groundwater Collection											
714090 - Outside Services:											
	Electrician -	10,000.00	1	0	0	0	0	0	0	0	0
	Continental Divide -	5,000.00	1	0	0	0	0	0	0	0	0
	Surveyor -	2,000.00	4	0	0	0	0	0	0	0	0
	Well Logging Services -	2,000.00	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:											
	Hydrologist/Engineer -	30,000.00	1	0	0	0	0	0	0	0	0
General On-Site											
610020 - Utilities:											
	Electrical Meter 453180401 -	0.1200	140700	0	0	0	0	0	0	0	0

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XXXXXX-810-23-5100											
General North Off-Site											
610020 - Utilities:											
Electrical Meter Composite -		0.1200	0	0	0	0	0	0	0	0	0
General South Off-Site											
610020 - Utilities:											
Electrical Meter Composite -		0.1200	0	0	0	0	0	0	0	0	0
New Collection Wells - 2012 Permit											
711020 - Parts and Supplies:											
Collection Wellhead Materials -		1,000.00	2	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	2	0	0	0	0	0	0	0	0
Valves -		200.00	2	0	0	0	0	0	0	0	0
Meters -		120.00	2	0	0	0	0	0	0	0	0
Electrical System Parts -		500.00	2	0	0	0	0	0	0	0	0
712010 - Pumps:											
Submersible Pumps -		2,100.00	2	0	0	0	0	0	0	0	0
Alluvial On-Site Collection Wells											
711020 - Parts and Supplies:											
Collection Wellhead Materials -		1,000.00	1	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	1	0	0	0	0	0	0	0	0
Valves -		200.00	1	0	0	0	0	0	0	0	0
Meters -		120.00	1	0	0	0	0	0	0	0	0
Electrical System Parts -		500.00	1	0	0	0	0	0	0	0	0
712010 - Pumps:											
Submersible Pumps -		2,100.00	1	0	0	0	0	0	0	0	0
Groundwater Injection											
714090 - Outside Services:											
Surveyor -		2,000.00	1	0	0	0	0	0	0	0	0
711040 - Consulting Services:											
Hydrologist/Engineer -		20,000.00	1	0	0	0	0	0	0	0	0
Deep Wells											
711020 - Parts and Supplies:											
Collection Wellhead Materials -		1,500.00	1	1	1	1	1	0	0	0	0
Piping and Fittings -		500.00	1	1	1	1	1	0	0	0	0
Valves -		450.00	1	1	1	1	1	0	0	0	0
711020 - Parts and Supplies (Cont.):											
Meters -		2,000.00	1	1	1	1	1	0	0	0	0
Electrical System Parts -		1,000.00	1	1	1	1	1	0	0	0	0
712010 - Pumps:											
Submersible Pumps -		5,000.00	1	0	1	0	0	0	0	0	0
610020 - Utilities:											
Electrical Meter 453180401 -		0.1200	262640	46900	93800	187600	93800	9380	9380	9380	9380
Electrical Meter 453190200 -		0.1200	10000	10000	10000	10000	10000	10000	10000	10000	0
Alluvial On-Site Injection Wells											
711020 - Parts and Supplies:											
Injection Wellhead Materials -		350.00	4	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	3	0	0	0	0	0	0	0	0
Valves -		200.00	4	0	0	0	0	0	0	0	0
Meters -		120.00	4	0	0	0	0	0	0	0	0
New Injection Wells - 2012 Permit											
711020 - Parts and Supplies:											
Injection Wellhead Materials -		350.00	5	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	5	0	0	0	0	0	0	0	0
Valves -		200.00	5	0	0	0	0	0	0	0	0
Meters -		120.00	2	0	0	0	0	0	0	0	0
Upper Chinle											
711020 - Parts and Supplies:											
Injection Wellhead Materials -		350.00	0	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	0	0	0	0	0	0	0	0	0
Valves -		200.00	0	0	0	0	0	0	0	0	0
Meters -		120.00	0	0	0	0	0	0	0	0	0
Middle Chinle											
711020 - Parts and Supplies:											
Injection Wellhead Materials -		350.00	0	0	0	0	0	0	0	0	0
Piping and Fittings -		500.00	0	0	0	0	0	0	0	0	0
Valves -		200.00	0	0	0	0	0	0	0	0	0
Meters -		120.00	0	0	0	0	0	0	0	0	0

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R.O. Plant Operations											
714090 - Outside Services:											
	Electrician -	8,000.00	1	0	0	0	0	0	0	0	0
	Pump/motor repair -	10,000.00	1	0	0	0	0	0	0	0	0
711040 - Consulting Services:											
	Hydrologist/Engineer -	10,000.00	2	0	0	0	0	0	0	0	0
	R.O. Engineer -	5,000.00	4	0	0	0	0	0	0	0	0
	Electronics -	15,000.00	1	0	0	0	0	0	0	0	0
610020 - Utilities:											
	Electrical Meter 453180503 -	0.1200	1432800	0	0	0	0	0	0	0	0
	Natural Gas Meter 0807957 -	0.4900	30000	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:											
	Piping and Fittings -	1,000.00	1	0	0	0	0	0	0	0	0
	Valves -	4,000.00	1	0	0	0	0	0	0	0	0
	Meters -	4,000.00	1	0	0	0	0	0	0	0	0
	Computer -	3,000.00	0	0	0	0	0	0	0	0	0
	Equipment Maintenance/Upgrade -	10,000.00	1	0	0	0	0	0	0	0	0
	Instruments -	15,000.00	1	0	0	0	0	0	0	0	0
	Filters -	10.50	700	0	0	0	0	0	0	0	0
	Membranes (LPRO) -	481.00	0.00	0.00	0	0	0	0	0	0	0
	Membranes (HPRO) -	571.00	0.00	0.00	0	0	0	0	0	0	0
	Citric Acid -	1.05	200	0	0	0	0	0	0	0	0
	Air Diffusers -	2,000.00	1	0	0	0	0	0	0	0	0
	Caustic Soda -	0.40	600,000	0	0	0	0	0	0	0	0
	Sulfuric Acid -	0.29	500,000	0	0	0	0	0	0	0	0
	Anti-Scalant -	1,140.00	8	0	0	0	0	0	0	0	0
	Lime (Bulk) -	0.13	600,000	0	0	0	0	0	0	0	0
	Muriatic Acid -	10.70	155	0	0	0	0	0	0	0	0
	Membrane Cleaner -	1,630.00	4	0	0	0	0	0	0	0	0
	Building / Facility -	2,000.00	1	0	0	0	0	0	0	0	0
	Heating / AC -	2,000.00	1	0	0	0	0	0	0	0	0
	Electrical -	2,000.00	1	0	0	0	0	0	0	0	0
712010 - Pumps:											
	Pumps/Starters -	20,000.00	1	0	0	0	0	0	0	0	0
711030 - Water Analysis:											
	A-list	120.00	0	0	0	0	0	0	0	0	0
	B-list	224.00	0	0	0	0	0	0	0	0	0
	C-list	106.00	0	0	0	0	0	0	0	0	0
	D-list	317.00	0	0	0	0	0	0	0	0	0
	E-list	120.00	0	0	0	0	0	0	0	0	0
	B/F-list	399.00	80	0	0	0	0	0	0	0	0
	G-list	127.00	80	0	0	0	0	0	0	0	0
	H-list	130.00	100	0	0	0	0	0	0	0	0
	I-list	137.00	0	0	0	0	0	0	0	0	0
	J-list	151.00	40	0	0	0	0	0	0	0	0
	KPA Samples	20.00	120	0	0	0	0	0	0	0	0

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Expanded R.O. Water Treatment											
714090 - Outside Services:											
R.O. System Upgrade Placeholder -	500,000.00	0	0	0	0	0	0	0	0	0	0
Pump/motor repair -	5,000.00	1	0	0	0	0	0	0	0	0	0
Power Supply Upgrade Placeholder -	75,000.00	0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:											
Hydrologist/Engineer -	5,000.00	1	0	0	0	0	0	0	0	0	0
R.O. Engineer -	5,000.00	1	0	0	0	0	0	0	0	0	0
Electronics -	15,000.00	1	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:											
Piping and Fittings -	1,000.00	1	0	0	0	0	0	0	0	0	0
Valves -	4,000.00	1	0	0	0	0	0	0	0	0	0
Meters -	4,000.00	1	0	0	0	0	0	0	0	0	0
Computer -	3,000.00	0	0	0	0	0	0	0	0	0	0
Equipment Maintenance/Upgrade -	10,000.00	1	0	0	0	0	0	0	0	0	0
Instruments -	15,000.00	1	0	0	0	0	0	0	0	0	0
Filters -	10.50	0	0	0	0	0	0	0	0	0	0
Membranes (LPRO) -	442.50	0.00	0	0	0	0	0	0	0	0	0
Membranes (HPRO) -	571.00	0.00	0	0	0	0	0	0	0	0	0
Citric Acid -	1.05	0	0	0	0	0	0	0	0	0	0
Air Diffusers -	2,000.00	1	0	0	0	0	0	0	0	0	0
Caustic Soda -	0.40	0	0	0	0	0	0	0	0	0	0
Sulfuric Acid -	0.29	0	0	0	0	0	0	0	0	0	0
Anti-Scalant -	1,140.00	0	0	0	0	0	0	0	0	0	0
Lime (Bulk) -	0.13	0	0	0	0	0	0	0	0	0	0
Muriatic Acid -	10.70	0	0	0	0	0	0	0	0	0	0
Liquid Citric Acid or Other Cleaner -	3,000.00	12	0	0	0	0	0	0	0	0	0
Membrane Cleaner -	1,630.00	0	0	0	0	0	0	0	0	0	0
Building / Facility -	2,000.00	1	0	0	0	0	0	0	0	0	0
Heating / AC -	2,000.00	1	0	0	0	0	0	0	0	0	0
Electrical -	2,000.00	1	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:											
A-list -	120.00	0	0	0	0	0	0	0	0	0	0
B-list -	224.00	0	0	0	0	0	0	0	0	0	0
C-list -	106.00	0	0	0	0	0	0	0	0	0	0
D-list -	317.00	0	0	0	0	0	0	0	0	0	0
E-list -	120.00	0	0	0	0	0	0	0	0	0	0
B/F-list -	399.00	0	0	0	0	0	0	0	0	0	0
G-list -	127.00	0	0	0	0	0	0	0	0	0	0
H-list -	130.00	0	0	0	0	0	0	0	0	0	0
I-list -	137.00	0	0	0	0	0	0	0	0	0	0
J-list -	151.00	0	0	0	0	0	0	0	0	0	0
KPA Samples -	20.00	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:											
Electrical Meter -	0.1200	0	0	0	0	0	0	0	0	0	0
High Pressure RO Electrical Consumption -	0.1200	0	0	0	0	0	0	0	0	0	0
Natural Gas Meter -	0.4900	0	0	0	0	0	0	0	0	0	0

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
Zeolite Water Treatment											
714090 - Outside Services:											
Electrician -	1,000.00	0	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:											
Water Treatment Consultant -	10,000.00	0	0	0	0	0	0	0	0	0	0
Engineer -	10,000.00	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:											
Piping, Tankage and Fittings -	5,000.00	0	0	0	0	0	0	0	0	0	0
Valves -	200.00	0	0	0	0	0	0	0	0	0	0
Meters -	500.00	0	0	0	0	0	0	0	0	0	0
Instruments -	1,000.00	0	0	0	0	0	0	0	0	0	0
Data Control Equipment -	12,000.00	0	0	0	0	0	0	0	0	0	0
Sulfuric Acid -	0.29	0	0	0	0	0	0	0	0	0	0
Placeholder Consumable \$(gal treated) -	0.00300	0	0	0	0	0	0	0	0	0	0
Acid Metering Pumps -	1,200.00	0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:											
A-list -	120.00	0	0	0	0	0	0	0	0	0	0
B-list -	224.00	0	0	0	0	0	0	0	0	0	0
C-list -	106.00	0	0	0	0	0	0	0	0	0	0
D-list -	317.00	0	0	0	0	0	0	0	0	0	0
E-list -	120.00	0	0	0	0	0	0	0	0	0	0
B/F-list -	399.00	0	0	0	0	0	0	0	0	0	0
G-list -	127.00	0	0	0	0	0	0	0	0	0	0
H-list -	130.00	0	0	0	0	0	0	0	0	0	0
I-list -	137.00	0	0	0	0	0	0	0	0	0	0
J-list -	151.00	0	0	0	0	0	0	0	0	0	0
KPA Samples -	20.00	0	0	0	0	0	0	0	0	0	0
610020 - Utilities:											
Electrical Meter -	0.1200	0	0	0	0	0	0	0	0	0	0
Natural Gas Meter -	0.4900	0	0	0	0	0	0	0	0	0	0

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-Evaporation System Management-											
714090 - Outside Services:											
	Electrician -	2,000.00	5	5	5	0	0	0	0	0	0
	Pump/motor Repair -	5,000.00	4	4	4	0	0	0	0	0	0
	Liner Repair -	20,000.00	1	1	1	0	0	0	0	0	0
711040 - Consulting Services:											
	Hydrologist/Engineer -	10,000.00	2	2	2	0	0	0	0	0	0
	Odor Control -	20,000.00	1	1	1	0	0	0	0	0	0
711030 - Water Analysis:											
	A-list	120.00	0	0	0	0	0	0	0	0	0
	B-list	224.00	5	2	2	0	0	0	0	0	0
	C-list	106.00	0	0	0	0	0	0	0	0	0
	D-list	317.00	0	0	0	0	0	0	0	0	0
	E-list	120.00	0	0	0	0	0	0	0	0	0
	B/F-list	399.00	20	10	5	0	0	0	0	0	0
	G-list	127.00	0	0	0	0	0	0	0	0	0
	H-list	130.00	40	10	10	0	0	0	0	0	0
	I-list	137.00	0	0	0	0	0	0	0	0	0
	J-list	151.00	0	0	0	0	0	0	0	0	0
	KPA Samples	20.00	10	10	10	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
610020 - Utilities:											
	Electrical Meter 453180401 -	0.1200	2701440	2701440	703500	0	0	0	0	0	0
East Collection Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	2,000.00	1	0	0	0	0	0	0	0	0
	Copper Sulfate -	3.71	35000	0	0	0	0	0	0	0	0
	Citric Acid -	1.05	2000	0	0	0	0	0	0	0	0
	Valves -	1,000.00	1	0	0	0	0	0	0	0	0
	Meters -	2,000.00	1	0	0	0	0	0	0	0	0
West Collection Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	2,000.00	1	0	0	0	0	0	0	0	0
	Copper Sulfate -	3.71	35000	0	0	0	0	0	0	0	0
	Citric Acid -	1.05	2000	0	0	0	0	0	0	0	0
	Sludge Transfer Materials -	45,000.00	0	0	0	0	0	0	0	0	0
	Valves -	1,000.00	1	0	0	0	0	0	0	0	0
	Meters -	2,000.00	1	0	0	0	0	0	0	0	0
No. 1 Evaporation Pond											
711020 - Parts and Supplies:											
	Piping and Fittings -	2,000.00	1	1	0	0	0	0	0	0	0
	Valves -	1,000.00	1	1	0	0	0	0	0	0	0
	Meters -	2,000.00	1	1	0	0	0	0	0	0	0
	Citric Acid -	1.05	3000	0	0	0	0	0	0	0	0
	Copper Sulfate (Pond 1) -	3.71	0	0	0	0	0	0	0	0	0
	APEX Evaporator Maintenance -	500.00	10	5	0	0	0	0	0	0	0
712010 - Pumps:											
	Centrifugal Pumps -	5,000.00	1	1	0	0	0	0	0	0	0
	Centrifugal Pump Parts -	2,000.00	1	1	0	0	0	0	0	0	0
	Major Repair for APEX Unit -	5,000.00	1	1	0	0	0	0	0	0	0
No. 2 and No. 3 Evaporation Ponds											
711020 - Parts and Supplies:											
	Piping and Fittings (Pond 2) -	2,000.00	1	1	0	0	0	0	0	0	0
	APEX Evaporator Maintenance (Pond 2) -	500.00	10	10	0	0	0	0	0	0	0
	Valves (Pond 2) -	1,000.00	1	1	0	0	0	0	0	0	0
	Meters (Pond 2) -	2,000.00	1	1	0	0	0	0	0	0	0
	Citric Acid (Pond 2) -	1.05	3000	3000	0	0	0	0	0	0	0
	Copper Sulfate (Pond 2) -	3.71	30000	10000	0	0	0	0	0	0	0
	Piping and Fittings (Pond 3) -	2,000.00	1	1	0	0	0	0	0	0	0
	APEX Evaporator Maintenance (Pond 3) -	500.00	10	0	0	0	0	0	0	0	0
	Valves (Pond 3) -	1,000.00	1	0	0	0	0	0	0	0	0
	Meters (Pond 3) -	2,000.00	1	0	0	0	0	0	0	0	0
	Citric Acid (Pond 3) -	1.05	0	0	0	0	0	0	0	0	0
	Copper Sulfate (Pond 3) -	3.71	0	0	0	0	0	0	0	0	0
712010 - Pumps:											
	Centrifugal Pumps (Pond 2) -	5,000.00	1	1	0	0	0	0	0	0	0
	Centrifugal Pump Parts(Pond 2) -	2,000.00	1	1	0	0	0	0	0	0	0
	Centrifugal Pumps (Pond 3) -	5,000.00	1	1	0	0	0	0	0	0	0
	Centrifugal Pump Parts(Pond 3) -	2,000.00	1	1	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land Application Area Management and Closure--											
714090 - Outside Services:											
Vegetation and Field Maintenance -	5,000.00	0	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:											
Permanent Vegetation Seed -	2,000.00	0	0	0	0	0	0	0	0	0	0
Cereal Grains -	0.90	0	0	0	0	0	0	0	0	0	0
Fertilizer -	0.15	0	0	0	0	0	0	0	0	0	0
Fencing -	2,000.00	0	0	0	0	0	0	0	0	0	0
711030 - Water Analysis:											
A-list	120.00	0	0	0	0	0	0	0	0	0	0
B-list	224.00	3	3	3	3	0	0	0	0	0	0
C-list	106.00	0	0	0	0	0	0	0	0	0	0
D-list	317.00	0	0	0	0	0	0	0	0	0	0
E-list	120.00	0	0	0	0	0	0	0	0	0	0
B/F-list	399.00	3	3	3	3	3	3	0	0	0	0
G-list	127.00	4	4	4	4	4	4	0	0	0	0
H-list	130.00	10	10	10	5	5	5	0	0	0	0
I-list	137.00	5	5	5	5	5	5	0	0	0	0
J-list	151.00	8	8	8	8	8	8	0	0	0	0
KPA Samples	20.00	20	20	20	20	20	20	0	0	0	0

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MONITORING/REGULATORY XXXXXX-810-23-5200		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--General--											
718900 - NRC Fees:		150,000.00	5	5	5	5	1	1	1	0	0
718025 - Permitting Fees:		5,000.00	1	1	1	1	1	0	0	0	0
711040 - Consulting Services:											
Hydrologist/Engineer -											
Annual Report-		20,000.00	3	3	3	3	3	3	3	2	1
CAP-		20,000.00	0	0	0	0	0	0	0	0	0
ACL-		20,000.00	0	0	0	0	0	0	0	0	0
Numerical Modeling-		40,000.00	2	2	0	0	0	0	0	0	0
ALARA Consulting -		20,000.00	1	1	1	1	1	0	0	0	0
General Consulting -		10,000.00	3	3	3	1	1	0	0	0	0
DOE Reporting -		20,000.00	1	1	1	1	1	0	0	0	0
DP Renewal -		20,000.00	0	0	0	0	0	0	0	0	0
EPA Oversight -		20,000.00	4	4	4	4	4	4	0	0	0
Radiological Consulting and RSO services -		20,000.00	8	8	8	8	8	8	4	2	0
DRP Development -		50,000.00	0	0	0	0	0	0	0	0	0
--Air / Weather Monitoring--											
714090 - Outside Services:		5,500.00	2	2	2	2	2	2	2	0	0
711020 - Parts and Supplies:		500.00	1	1	1	1	1	1	1	0	0
610020 - Utilities:											
Electrical Meter 453181900 -		0.1200	44000	44000	44000	44000	44000	44000	44000	0	0
--Radiation Monitoring--											
714090 - Outside Services:		2,000.00	5	5	5	5	5	5	3	0	0
711020 - Parts and Supplies:											
Bioassay Sample Bottles -		0.59	800	800	800	400	200	100	100	100	0
High Vol Filters -		400.00	4	4	4	4	4	4	4	0	0
High Vol Parts -		2,000.00	3	3	3	3	3	3	3	0	0
Lab Instrument Parts -		1,000.00	1	1	1	1	1	1	1	0	0
OSL Badges -		30.00	800	800	800	400	200	100	100	50	0
Radon Cups -		20.00	156	156	156	156	156	156	156	0	0
Miscellaneous Parts -		500.00	1	1	1	1	1	1	1	0	0
718030 - Lab Fees:											
Bioassay Samples -		72.00	800	800	800	400	200	100	100	100	50
High Vol Samples -		367.00	32	32	32	32	32	32	32	32	0
Radon Cup Analysis -		100.00	156	156	156	156	156	156	156	156	0
610020 - Utilities:											
Electrical Meter 433983700 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
Electrical Meter 453094400 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
Electrical Meter 600986000 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
Electrical Meter 453280400 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
Electrical Meter 600095200 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
Electrical Meter 453191600 -		0.1200	6200	6200	6200	6200	6200	6200	6200	6200	0
711040 - Radiation Training:											
Annual Radiation Refresher -		2,000.00	1	1	1	1	1	1	1	0	0
Employee Radiation Training -		1,000.00	1	1	1	1	1	1	1	0	0

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MONITORING/REGULATORY (Cont.)
XXXXXX-810-23-5200

	UNIT COST									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Settlement Monument Monitoring--										
714090 - Outside Services:										
Surveying -	5,000.00	2	2	2	2	2	2	0	0	0
Report Development -	2,000.00	0	0	0	0	0	0	0	0	0

HOLDING
XXXXXX-811-23-5300

	UNIT COST									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land--										
790060 - Land Purchase:	500,000.00	24	0	0	0	0	0	0	0	0
790090 - Land Rental:	0.00	0	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:	0.00	0	0	0	0	0	0	0	0	0
790010 - Appraisal :	0.00	0	0	0	0	0	0	0	0	0
790120 - Land Improvements:										
Fencing -	2,000.00	1	1	1	1	1	1	1	1	0
Clean-up -	2,000.00	5	5	5	5	1	1	1	1	0
Building Demolition and Property Clean-up -	20,000.00	10	10	10	10	0	7	1	1	1
623010 - Property Tax:	25,000.00	4	6	6	6	6	6	6	6	6
790120 - Surveying / Mapping:	15,000.00	1	1	1	1	1	1	1	1	0

SECURITY AND MAINTENANCE
XXXXXX-811-23-5400

	UNIT COST									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Land and Structures--										
717030 - Surveillance:	4,000.00	1	1	1	1	1	1	1	1	0

SEVERANCE AND RELOCATION
XXXXXX-XXX-XX-XXXX

	UNIT COST									
		2022	2023	2024	2025	2026	2027	2028	2029	2030
--Severance and Relocation--										
xxxxxx - Severance and Relocation:	0.00	0	0	0	0	0	0	0	0	0

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GENERAL AND ADMIN. XXXXXX-811-23-5500		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Salaries and Benefits--											
<u>Managerial</u>											
600000 - General Salaries - Closure Manager	110,000.00	1	1	1	1	1	1	1	1	1	1
600040 - Benefits - Closure Manager	49,500.00	1	1	1	1	1	1	1	1	1	1
600000 - General Salaries - Proj. Hydrogeologist	100,000.00	1	1	1	1	1	1	1	1	1	0
600040 - Benefits - Proj. Hydrogeologist	45,000.00	1	1	1	1	1	1	1	1	1	0
600000 - General Salaries - Engineering	100,000.00	1	1	1	1	1	0	0	0	0	0
600040 - Benefits - Engineering	45,000.00	1	1	1	1	1	0	0	0	0	0
600000 - General Salaries - Compliance	100,000.00	1	1	1	1	1	0	0	0	0	0
600040 - Benefits - Compliance	45,000.00	1	1	1	1	1	0	0	0	0	0
600000 - General Salaries - Community Relations	75,000.00	1	1	1	1	1	0	0	0	0	0
600040 - Benefits - Community Relations	33,750.00	1	1	1	1	1	0	0	0	0	0
<u>Foreman and Technical</u>											
600001 - GW Salaries - Project Foreman	80,000.00	1	1	1	1	1	0	0	0	0	0
600040 - Benefits - Project Foreman	36,000.00	1	1	1	1	1	0	0	0	0	0
600001 - GW Salaries - Env. Technicians	50,000.00	6	5	4	3	1	0	0	0	0	0
600040 - Benefits - Env. Technicians	22,500.00	6	5	4	3	1	0	0	0	0	0
600001 - GW Salaries - Admin. Asst.	40,000.00	1	1	1	1	1	0	0	0	0	0
600040 - Benefits - Admin. Asst.	18,000.00	1	1	1	1	1	0	0	0	0	0
<u>Overtime</u>											
600001 - Employee Overtime	10,000.00	6	5	4	3	2	0	0	0	0	0
<u>Other</u>											
600050 - Temporary Labor:	15,000.00	15	15	15	15	15	5	3	0	0	0
601060 - Workman's Compensation:	60,000.00	0	0	0	0	0	0	0	0	0	0
601130 - Memberships:	16,400.00	1	1	1	1	1	1	1	1	1	0
601140 - Seminars and Training:	5,000.00	1	1	1	1	1	1	1	1	1	0
603000 - Employee Relations:	5,000.00	1	1	1	1	1	0	0	0	0	0
--General Office Costs--											
622000 - Stationary & Supplies:	15,000.00	1	1	1	1	0	0	0	0	0	0
622040 - Publications & Subscriptions:	1,000.00	0	0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:	1,500.00	1	1	1	1	0	0	0	0	0	0
622070 - Lunch / Dinners:	500.00	0	0	0	0	0	0	0	0	0	0
Community Relations:	1,000.00	54	54	54	54	54	0	0	0	0	0
--Occupancy Costs--											
610030 - Office - Other:	13,000.00	1	1	1	1	0	0	0	0	0	0
--Communication Costs--											
620010 - Telephone/Fax/Data Line:	14,000.00	1	1	1	1	0	0	0	0	0	0
620060 - Postage / Courier:	17,000.00	1	1	1	1	0	0	0	0	0	0
--Data Processing Costs--											
621000 - Equipment Rental / Leases:	13,000.00	1	1	1	1	0	0	0	0	0	0
--Taxes, Licenses, and Fees--											
623000 - Office - Other:	300.00	1	1	1	1	1	0	0	0	0	0
--Insurance--											
624040 - Insurance:	24,000.00	1	1	1	1	1	1	1	1	1	1

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GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Travel and Accommodation--											
640000 - Travel - Air:		5,000.00	1	1	1	1	1	1	1	1	0
640020 - Travel - Accommodation:		5,000.00	1	1	1	1	1	1	1	1	0
640030 - Travel - Taxis:		2,000.00	1	1	1	1	1	1	1	1	0
640050 - Travel - Gas:		8,000.00	1	1	1	1	1	1	1	1	0
640060 - Travel - Meals:		1,000.00	1	1	1	1	1	1	1	1	0
Meals and Entertainment		5,000.00	1	1	1	1	1	0	0	0	0
--Professional Fees--											
670000 - Legal Fees:		15,000.00	1	1	1	1	1	1	1	1	0
--Outside Services--											
714090 - Worker's Comp. Admin:		8,000.00	0	0	0	0	0	0	0	0	0
IT Consulting Services		20,000.00	1.8	1.8	1.8	1.8	1.8	0	0	0	0
Misc.(Grants Clinic)		5,000.00	1	1	1	1	1	1	1	0	0
--Temporary Office/Facilities --											
Building/Trailer Rental or Purchase		1,000.00	0	0	0	0	12	12	12	12	6
610020 - Utilities:		1,000.00	0	0	0	0	5	5	5	5	3
620010 - Telephone/Fax/Data Line:		5,000.00	0	0	0	0	3	3	3	3	1
622000 - Stationary & Supplies:		5,000.00	0	0	0	0	3	3	3	3	1
Office Equipment Rental/Purchase		5,000.00	0	0	0	0	2	2	2	2	1
Postage/Admin. services/Miscellaneous		5,000.00	0	0	0	0	2	2	2	1	1
MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX		UNIT COST	2022	2023	2024	2025	2026	2027	2028	2029	2030
--Misc. Income--											
499000 - Misc. Income:		-25,000.00	0	0	0	0	0	0	0	0	0

(6) Unit Costs

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GRANTS PROJECT
Unit Costs

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	UNIT COSTS														
2															
3															
4															
5	--Fuel--														
6															
7		unit cost	units												
8	Diesel	5.49	\$/gal		Udpt. 2021	Supplied by Anna									
9	Gasoline	3.96	\$/gal		Udpt. 2021	Supplied by Anna									
10															
11	--Water Analysis--														
12															
13															
14	Analytical Constituent Lists	unit cost	units										Old 2019		
15	A-LIST	120	\$/sample							2019 or 2015	Supplies/shipping	2020 Pace Cost	2021 Est		
16	B-LIST	224	\$/sample							Cost	/filtering cost est.	Cost	Cost		
17	C-LIST	106	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				45	85	34.80296	90	120	
18	D-LIST	317	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				180	85	139.2118	220	224	
19	E-LIST	120	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				27	85	20.88177	72	106	
20	B/F-LIST	399	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				300	85	232.0197	345	317	
21	G-LIST	127	\$/sample		Udpt. 2021	Converted to Pace B/F List and updated				45	85	34.80296	90	120	
22	H-LIST	130	\$/sample		Udpt. 2021	Converted to Pace B/F List and updated				406	85	314	194	399	
23	I-LIST	137	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				54	85	41.76355	99	127	
24	COLUMN TESTS	193	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				58	85	44.85714	103	130	
25	J-LIST	151	\$/sample		Udpt. 2021	Compared with Pace B/F Costs				67.5	85	52.20443	112.5	137	
26	KPA Sample	20	\$/sample		Udpt. 2017	none used after 2018				108	85	83.52709	153	169	
27					Udpt. 2021	Compared with Pace B/F Costs				85.5	85	66.12562	130.5	151	
28	--Vegetation Analysis--														
29															
30		unit cost	units												
31		90.5	\$/sample		Udpt. 2016	by increasing shipping/supplies/misc.				40.5	Shipping/				
32					No change - 2017						Supplies/misc.				
33					Udpt. 2016	9 - Added \$20 for shipping and inflation					30				
34	--Soil Analysis--														
35															
36		unit cost	units												
37		387.5	\$/sample		Udpt. 2016	by increasing shipping/supplies/misc.				337.5	Shipping/				
38					No change - 2017						Supplies/misc.				
39					Udpt. 2016	9 - Added \$20 for shipping and inflation					30				
40	--Utilities--														
41															
42		unit cost	units												
43	Electric	0.1200	\$/KWH		Udpt. 2021	Electrical Cost estimate from example invoice costs provided by Anna									
44	Natural Gas	0.490	\$/CCF		Udpt. 2021	Updated to match 2020 Gas costs for RO and Office by altering units									
45															
46	--Driller Costs--														
47															
48		unit cost	units												
49	New Tailings Well -5"	8101.00	\$/well		No Udpt. 2021	- No usage or limited usage	6,500.00	7150.00	0.00	7,150.00	Estimated	2016	2018	2019	2020
50	New Tailings Well -2"	3988.00	\$/well		No Udpt. 2021	- No usage or limited usage	3,200.00	3520.00	0.00	3,520.00	2012 Cost	2012 Cost + 10% Site Closure	2012+ate	2012+2016+10% 2019+3%	
51	New Alluvial Well	8101.00	\$/well		No Udpt. 2021	- No usage or limited usage	6,500.00	7150.00	0.00	7,150.00	0.00	1,320.00	1,560.00		
52	New U. Chinle Well	9347.00	\$/well		No Udpt. 2021	- No usage or limited usage	7,500.00	8250.00	0.00	8,250.00	0.00	1,650.00	1,815.00	1,869	
53	New M. Chinle Well	12463.00	\$/well		No Udpt. 2021	- No usage or limited usage	10,000.00	11000.00	0.00	11,000.00	0.00	1,540.00	1,694.00	1,745	
54	New L. Chinle Well	12463.00	\$/well		No Udpt. 2021	- No usage or limited usage	10,000.00	11000.00	0.00	11,000.00	0.00	1,540.00	1,694.00	1,745	
55	Develop Tailings Well	1869.00	\$/well		No Udpt. 2021	- No usage or limited usage	1,500.00	1650.00	0.00	1,650.00	0.00	1,540.00	1,694.00	1,745	
56	Develop Alluvial Well	1745.00	\$/well		No Udpt. 2021	- No usage or limited usage	1,400.00	1540.00	0.00	1,540.00	0.00	1,540.00	1,694.00	1,745	
57	Develop U. Chinle Well	1745.00	\$/well		No Udpt. 2021	- No usage or limited usage	1,400.00	1540.00	0.00	1,540.00	0.00	1,540.00	1,694.00	1,745	
58	Develop M. Chinle Well	1745.00	\$/well		No Udpt. 2021	- No usage or limited usage	1,400.00	1540.00	0.00	1,540.00	0.00	1,540.00	1,694.00	1,745	
59	Develop L. Chinle Well	1745.00	\$/well		No Udpt. 2021	- No usage or limited usage	1,400.00	1540.00	0.00	1,540.00	0.00	1,540.00	1,694.00	1,745	
60	Rehab/Replace San Andres Well	44,000.00	\$/well		Udpt. 2016	- None used after 2018	40,000.00	44000.00	0.00	44,000.00					
61	Abandon 5" Tailings Well	1,890.00	\$/well		No Udpt. 2021	- No usage after 2021	1,200.00	1320.00	0.00	1,320.00	200.00	1,320.00	1,560.00		
62	Abandon 2" Tailings Well	1,260.00	\$/well		No Udpt. 2021	- No usage after 2021	220.00	242.00	0.00	242.00	200.00	1,520.00	1,760.00		
63	Abandon Alluvial Well	2,090.00	\$/well		Udpt. 2021	- No change from 2020	1,200.00	1320.00	0.00	1,320.00	200.00	1,520.00	1,760.00		
64	Abandon Perched Alluvial Well	2,090.00	\$/well		Udpt. 2021	- No change from 2020	1,000.00	1100.00	0.00	1,100.00	200.00	1,850.00	2,150.00		
65	Abandon U. Chinle Well	2,600.00	\$/well		Udpt. 2021	- No change from 2020	1,500.00	1650.00	0.00	1,650.00	200.00	1,850.00	2,150.00		
66	Abandon M. Chinle Well	2,600.00	\$/well		Udpt. 2021	- No change from 2020	1,500.00	1650.00	0.00	1,650.00	200.00	1,850.00	2,150.00		
67	Abandon L. Chinle Well	2,600.00	\$/well		Udpt. 2021	- No change from 2020	1,500.00	1650.00	0.00	1,650.00	200.00	1,850.00	2,150.00		
68	Abandon San Andres Well	100,000.00	\$/well		Udpt. 2021	- No change from 2020	25,000.00	27500.00	0.00	27,500.00	200.00	27,500.00	32,500.00		
69	Abandon Sumps	650.00	\$/sump		Udpt. 2021	- No change from 2020	500.00	550.00	0.00	550.00	200.00	550.00	650.00		650
70	Drilling Mob/Demob	8,000.00	\$/rig		Udpt. 2021	- No change from 2020	6,000.00	6600.00	0.00	6,600.00	200.00	6,600.00	7,800.00		
71															
72	--Horizontal Wells --														
73															
74		unit cost	units												
75	Blind Horizontal Well	800,000.00	\$/well		Created 2018	No Udpt. 2021 - No usage after 2021									
76	Continuous Horizontal Well	2,000,000.00	\$/well		Created 2018	No Udpt. 2021 - No usage after 2021									
77						No Udpt. 2021 - No usage after 2021									
78						No Udpt. 2021 - No usage after 2021									
79	Horiz. Well Pumping System	20,000.00	\$/well		Created 2018	No Udpt. 2021 - No usage after 2021									
80															
81	-- Tailings Collection Parts and Supplies--														
82															
83		unit cost	units												
84	Collection Wellheads	500.00	\$/wellhead		No Udpt. 2021	- No usage after 2021									
85	2" Valves	200.00	\$/valve		No Udpt. 2021	- No usage after 2021									
86	3/4", 5/8", 1" Meters	120.00	\$/meter		No Udpt. 2021	- No usage after 2021									
87	Submersible Pumps	700.00	\$/pump		No Udpt. 2021	- Increased from \$550 to \$700									
88	Vacuum Pumps	500.00	\$/pump		No Udpt. 2021	- No usage after 2021									
89															
90	-- Tailings Sumps Parts and Supplies--														
91															
92		unit cost	units												
93	Collection Plumbing	500.00	\$/wellhead		No Udpt. 2021	- No usage after 2021									

GRANTS PROJECT
Unit Costs

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
97	2", 3" Valves	200.00	\$/valve		No Updt. 2021	- No usage after 2021									
98	3/4", 5/8", 1" Meters	120.00	\$/meter		No Updt. 2021	- No usage after 2021									
99	Submersible Pumps	310.00	\$/pump		No Updt. 2021	- No usage after 2021									
100															
101															
102	-- Tailings Injection Parts and Supplies--														
103															
104		unit cost	units												
105	Injection Wellheads	300.00	\$/wellhead		No Updt. 2021	- No usage after 2021									
106	2" Valves	200.00	\$/valve		No Updt. 2021	- No usage after 2021									
107	3/4", 5/8", 1" Meters	120.00	\$/meter		No Updt. 2021	- No usage after 2021									
108															
109															
110	-- Alluvial/Chinle Collection Parts and Supplies--														
111															
112		unit cost	units												
113	Collection Wellheads	1,000.00	\$/wellhead		Updt. 2021	No change from 2020									
114	2" Valves	200.00	\$/valve		Updt. 2021	No change from 2020									
115	3/4", 5/8", 1" Meters	120.00	\$/meter		Updt. 2021	No change from 2020									
116	Submersible Pumps	2,100.00	\$/pump		Updt. 2021	No change from 2020									
117															
118															
119	-- San Andres Collection Parts and Supplies--														
120															
121		unit cost	units												
122	Collection Wellheads	1,500.00	\$/wellhead												
123	6" Valves	450.00	\$/valve												
124	6" Meters	2,000.00	\$/meter												
125	Submersible Pumps	5,000.00	\$/pump												
126															
127															
128	-- Alluvial/Chinle Injection Parts and Supplies--														
129															
130		unit cost	units												
131	Injection Wellheads	350.00	\$/wellhead												
132	2" Valves	200.00	\$/valve												
133	3/4", 5/8", 1" Meters	120.00	\$/meter												
134															
135															
136	-- Irrigation Parts and Supplies--														
137															
138		unit cost	units												
139	Collection Wellheads	1,000.00	\$/wellhead		No Updt. 2021	- No usage after 2021									
140	2", 3" Valves	200.00	\$/valve		No Updt. 2021	- No usage after 2021									
141	6", 10", 12" Valves	600.00	\$/valve		No Updt. 2021	- No usage after 2021									
142	2", 3" Meters	500.00	\$/meter		No Updt. 2021	- No usage after 2021									
143	6", 10", 12" Meters	3,000.00	\$/meter		No Updt. 2021	- No usage after 2021									
144	Submersible Pumps	3,500.00	\$/pump		No Updt. 2021	- No usage after 2021									
145	Alfalfa	2.55	\$/lb		No Updt. 2021	- No usage after 2021									
146	Millet	0.40	\$/lb		No Updt. 2021	- No usage after 2021									
147	Cereal Grains	0.90	\$/lb		No Updt. 2021	- No usage after 2021									
148	Fertilizer	0.15	\$/lb		No Updt. 2021	- No usage after 2021									
149															
150															
151	-- R.O. Plant Parts and Supplies--														
152															
153		unit cost	units												
154	Pumps	5,000.00	\$/pump												
155	Valves	4,000.00	\$/valve												
156	Meters	4,000.00	\$/meter												
157	Filters	10.50	\$/filter												
158	Membranes (LPRO #1 and #2)	481.00	\$/membrane		Updt. 2020										
159	Membranes (HPRO)	571.00	\$/membrane		Updt. 2020										
160	Sand Filter Media	8,000.00	L.S.		No longer used										
161	Air Diffuser	2,000.00	L.S.												
162	Caustic Soda	0.4030	\$/lb		Updt. 2020	0.403 - supplied by Adam									
163	Sulfuric Acid	0.2860	\$/lb		Updt. 2020	0.2637 - supplied by Anna - scaled to 0.286 with taxes and fees									
164	Anti-Scalant	1,140.00	\$/barrel		Updt. 2019										
165	Citric Acid	1.05	\$/lb		Updt. 2020	0.99 - supplied by Anna - scaled to 1.05 with taxes									
166	Test Reagents	0.00	\$/?												
167	Lime	0.1250	\$/lb		Updt. 2020	supplied by Anna - total invoice cost 0.125									
168	Muriatic Acid	10.70	\$/gal		Updt. 2019										
169	Membrane Cleaner	1,630.00	\$/drum		Updt. 2019	Inflated to \$1630 to reflect other cleaners/processes used in the expanded RO									
170	Liquid Citric Acid or Other Cleaner	3,000.00	\$/container		Updt. 2019										
171															
172	Membranes (LPRO #3)	442.50	\$/membrane		Updt. 2020										
173															
174															
175															
176															
177															
178	-- Evaporation Parts and Supplies--														
179															
180		unit cost	units												
181	Pumps	5,000.00	\$/pump												
182	Valves	1,000.00	\$/valve												
183	Meters	2,000.00	\$/meter												
184	Copper Sulfate	3.71	\$/lb		Updt. 2020	3.49 - supplied by Anna scaled up to 3.71 with taxes and fees									
185	Citric Acid	1.05	\$/lb		Updt. 2020	0.99 - supplied by Anna - scaled to 1.05 with taxes									
186	APEX Evaporator Parts/Repair	500.00	Lump Sum		Updt. 2019	Spray system transitioning to evaporators - preserved as placeholder									
187	Pump & Motor for Turbo-Mist	6,000.00	\$/pump		No longer used										
188	Nozzles for Turbo-Mist Unit	32.15	\$/nozzle		No longer used										
189															
190															
191	-- Alternative Restoration Parts and Supplies--														
192															

GRANTS PROJECT
Unit Costs

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
193		unit cost	units												
194	Pumps	2,100.00	\$/pump		No Updt. 2021 - No usage after 2021										
195	Valves	200.00	\$/valve		No Updt. 2021 - No usage after 2021										
196	Meters	500.00	\$/meter		No Updt. 2021 - No usage after 2021										
197	Zeolite Cell Metering Pump	1200.00	\$/pump		No Updt. 2021 - No usage after 2021										
198	Placeholder	1.00	\$/lb		No Updt. 2021 - No usage after 2021										
199	Placeholder	0.00300	\$/gal treated		No Updt. 2021 - No usage after 2021										
200															
201															
202	-- Monitoring Parts and Supplies--														
203															
204		unit cost	units							2015	Shipping/ Handling/ Inflation		2018 Shipping Price(6 samples)		
205	Bioassay Sample Bottles	0.59	\$/bottle							Cost					
206	OSL Badges	10.25	\$/badge		Updt. 2019 Replaced with unreturned badge fee										
207	Bioassay Samples	72.00	\$/sample		Updt. 2020 \$34 + \$38 S & Handling and other					22.50	17.5	32	25		
208	OSL Badges Analysis	30.00	\$/badge		Updt. 2019 \$22 + \$8 S & Handling					20.00	10				
209	High Vol Samples	367.00	\$/sample		Updt. 2020 \$340 + \$27 S & Handling and other					235.00	25	267	25		
210	Radon Cups	20.00	\$/cup												
211	Radon Cup Analysis	100.00	\$/sample		Updt. 2019 by inflating to \$75 + \$25 S & Handling					63.00	25				
212	High Vol Filters	400.00	\$/pack		Updt. 2019 by inflating to \$400										

(7) Electrical Meter Calc

1 Page

!!!!!!DO NOT CHANGE RED VALUES IN THIS SHEE

Electrical Meter 453180401 KWH Breakout

	Unit	Pressure	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost	Factor										
Alluvial Collection	469	1	300	0	0	0	0	0	0	0	0	0
Toe Drains / Sumps	469	0.36	5	0	0	0	0	0	0	0	0	0
Tailings Collection	469	0.36	0	0	0	0	0	0	0	0	0	0
Spray Evaporation System	469	1	0	0	0	0	0	0	0	0	0	0
Forced Evaporation	469	3	1920	1920	500	0	0	0	0	0	0	0
San Andres Freshwater	469	2	280	50	100	200	100	10	10	10	10	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Alluvial Collection	140700	0	0	0	0	0	0	0	0	0
Toe Drains / Sumps	844.2	0	0	0	0	0	0	0	0	0
Tailings Collection	0	0	0	0	0	0	0	0	0	0
Spray Evaporation System	0	0	0	0	0	0	0	0	0	0
Forced Evaporation	2701440	2701440	703500	0	0	0	0	0	0	0
San Andres Freshwater	262640	46900	93800	187600	93800	9380	9380	9380	9380	0
Total	3105624.2	2748340	797300	187600	93800	9380	9380	9380	9380	0

Plant Electrical Meter 453180501 (LPRO 1&2 and H

	Unit	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost										
R.O. Plant Rate	Formula	300	0	0	0	0	0	0	0	0	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
R.O. Plant	1432800	0	0	0	0	0	0	0	0	0

R.O. Plant Expansion (LPRO 3)

	Unit	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost										
R.O. Plant Rate	Formula	0	0	0	0	0	0	0	0	0	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
R.O. Plant	0	0	0	0	0	0	0	0	0	0

New R.O. High Pressure Unit (HPRO 2)

	Unit	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost										
R.O. Plant Rate	Formula	0	0	0	0	0	0	0	0	0	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
R.O. HPRO Unit	0	0	0	0	0	0	0	0	0	0

North Off-Site Electrical usage

	Unit	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost										
North Off-Site Rate	Formula	0	0	0	0	0	0	0	0	0	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
North Off-Site	0	0	0	0	0	0	0	0	0	0

South Off-Site Electrical usage

	Unit	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Cost										
South Off-Site Rate	Formula	0	0	0	0	0	0	0	0	0	0

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
South Offsite	0	0	0	0	0	0	0	0	0	0

(10) R.O. Rate Scaling

1 Page

For the purposes of costing, the maximum R.O. feed rate was assumed to be 600 gpm.
The maximum practical rate is estimated at 540 gpm.

R.O. Plant Consumables

R.O. Plant Rate	Base Rate										
		2022	2023	2024	2025	2026	2027	2028	2029	2030	
	300	300	0	0	0	0	0	0	0	0	

Expanded R.O. Plant Consumables

[illegible]

Zeolite System Consumables

[illegible]

(8) NRC Long Term Maintenance

1 Page

GRANTS PROJECT
Long-Term Maintenance
Surveillance Fee

LONG-TERM MAINTENANCE & SURVEILLANCE FEE

NRC Long Term Maintenance and Surveillance Fee

\$250,000 Fee in 1978 Dollars

Most current CPI for Current Year = 261.582
CPI for November, 1978 = 67.4

CPI Factor = 3.881039

Fee in March, Current year dollars = \$970,260

(9) SRK-Physical Reclamation

4 Pages

The following reclamation cost estimate was developed by a consulting engineering firm (SRK) in 2018 and 2019. This reclamation cost estimate was updated from a previous estimate developed in 2003 with inclusion of site facilities installed after the approved reclamation plan was developed. The estimated reclamation cost is adjusted annually based on the CPI.

Locations		
	Description	Locations Code (used in detail sheets)
0		
1	Large Tailings Pile Closure	LTP
2	Small Tailings Pile Closure	STP
3	Pond Closure	PC
4	Zeolite Plant Closure	ZC
5	RO Plant Demolition/Closure	RO
6	Office/Shop Area Demolition/Closure	OSA

SUMMARY ESTIMATE
HOMESTAKE MINING COMPANY OF CALIFORNIA
Annual CPI Cost Adjustment

Most Current CPI Value 261.582
January 2019 CPI Value 251.712
CPI Adjustment Ratio 1.04

Summary Category	PROCESS PONDS			Item Subtotal	2019 Category Cost	CPI Adjusted Category Cost
Pond Decommissioning/Liner Removal	1	West Collection Pond	PC	18981	\$1,210,516	\$1,257,982
		Backfill/Cover 1 Placement		16,583		
		Revegetation		2,398		
	2	East Collection Pond	PC	18981		
		Backfill/Cover 1 Placement		16,583		
		Revegetation		2,398		
	3	Evaporation Pond #2	PC	179913		
		Liner Cutting and Folding		4,295		
		Backfill/Cover 1 Placement		158,362		
		Revegetation		17,256		
Zeolite Decommissioning/Liner Removal	4	Evaporation Pond #3	PC	992641	\$26,184	\$27,211
		Liner Cutting and Folding		6,443		
		Backfill/Cover 1 Placement		959,545		
		Revegetation		26,653		
	5	Zeolite liner removal (1200 gpm) 4 Trains	ZC	19464		
		Liner Cutting and Folding		1,074		
		Backfill/Cover 1 Placement		18,390		
	6	Zeolite liner removal (300 gpm) 1 Train	ZC	5161		
		Liner Cutting and Folding		1,074		
		Backfill/Cover 1 Placement		4,087		
	7	Zeolite liner removal (50 gpm)	ZC	1559		
		Liner Cutting and Folding		537		
		Backfill/Cover 1 Placement		1,022		
	YARDS					
	1	Borrow Area Revegetation	LTP	602134	\$884,795	\$919,489
		Regrading		322,801		
		Ripping/Scarifying		49,241		
		Revegetation		230,092		
	2	Small Tailings Pile Revegetation	STP	263433		
		Regrading		141,157		
		Ripping/Scarifying		21,611		
		Revegetation		100,665		
	3	Backfill/Regrade RO Plant area	RO	6502		
		Regrading		3,283		
		Ripping/Scarifying		821		
		Revegetation		2,398		
	4	Office/Shop area	OSA	12726		
		Regrading		6,839		
		Ripping/Scarifying		1,094		
		Revegetation		4,793		
	HAUL MATERIAL					
	1	Haul & Place Zeolite (1200 gpm) in EP1 (12 cells)	ZC	48380	\$100,934	\$104,892
		Haul Material		48,380		
	2	Haul & Place Zeolite (300 gpm) in EP1 (3 cells)	ZC	12957		
		Haul Material		12,957		
	3	Haul & Place Zeolite (50 gpm) in EP1 (1 cell)	ZC	4859		
		Haul Material		4,859		
	4	Regrade Zeolite plant area (1200 gpm) on LTP	ZC	29629		
		Haul Material		29,629		
	5	Regrade Zeolite plant area (300 gpm) on LTP	ZC	5109		
		Haul Material		5,109		

GRANTS PROJECT
Physical Reclamation Cost
2021 Dollars

LTP Radon Barrier and Rock Haulage and Placement	6	Haul & Place Radon Barrier on top of LTP	LTP		2863663	\$3,159,709	\$3,283,606
		Haul Material		2,648,063			
		Compact Material		215,600			
	7	Haul & Place Rock Cover on LTP	LTP		296046		
		Haul Material		296,046			
Pond Reclamation and Cleanup	8	West Collection Pond Sludge Removal	PC		190489	\$1,445,196	\$1,501,864
		Haul Material		190,489			
	9	East Collection Pond Sludge Removal	PC		98849		
		Haul Material		98,849			
	10	Evaporation Pond #2 Sludge Removal	PC		174014		
		Haul Material		174,014			
	11	Evaporation Pond #3 Sludge Removal	PC		317318		
		Haul Material		317,318			
	12	Remove spray-on liner & overexcavate one-foot West CP	PC		11383		
		Haul Material		11,383			
	13	Remove spray-on liner & overexcavate one-foot East CP	PC		11383		
		Haul Material		11,383			
	14	Overexcavate one-foot EP2	PC		76839		
		Haul Material		76,839			
	15	Overexcavate 1.5 feet EP3	PC		106721		
		Haul Material		106,721			
	16	Import Fill to EP2	PC		189798		
		Haul Material		172,542			
		Revegetation		17,256			
	17	Import Fill to EP3	PC		268402		
		Haul Material		241,558			
		Revegetation		26,844			
STP Regrade and Cover	18	Regrade STP	STP		269307	\$1,924,371	\$1,999,828
		Haul Material		221,707			
		Compact Material		47,600			
	19	Haul & Place Radon Barrier on top of STP	STP		1504231		
		Haul Material		1,308,366			
		Compact Material		95,200			
		Revegetation		100,665			
	20	Haul & Place Rock Cover on Top of STP	STP		81108		
		Haul Material		81,108			
	21	Haul & Place Rock Cover on Slopes of STP	STP		69725		
		Haul Material		69,725			
Office Yard Gravel Removal	22	Removal of Office/Shop yard gravel	OSA		11037	\$11,037	\$11,470
		Haul Material		11,037			

BUILDINGS AND FOUNDATIONS							
RO Demolition	1	RO Plant demolition	RO		46534	\$82,639	\$85,879
		Building Demolition		39,600			
		Wall Demolition		3,166			
		Slab Demolition		3,768			
	2	RO Plant	RO		3092		
		Building Demolition		2,112			
		Wall Demolition		561			
		Slab Demolition		419			
	3	RO Plant Tanks NE (2) concrete	RO		9968		
		Building Demolition		8,712			
		Slab Demolition		1,256			
	4	RO Plant Clarifiers (2) concrete	RO		16173		
		Building Demolition		14,080			
		Slab Demolition		2,093			
	5	RO Plant Tanks South (2) concrete	RO		2003		
		Building Demolition		1,584			
		Slab Demolition		419			
	6	RO Plant Tank concrete	RO		705		
		Building Demolition		286			
		Slab Demolition		419			
	7	RO Plant Tank W concrete	RO		1369		
		Building Demolition		950			
		Slab Demolition		419			
	8	RO Plant Tank SW concrete	RO		2795		
		Building Demolition		2,376			
		Slab Demolition		419			
Office and Shop Area Demolition	9	Admin Building	OSA		28041	\$40,823	\$42,424
		Building Demolition		25,110			
		Slab Demolition		2,931			
	10	Storage (old truck wash building)	OSA		8937		
		Building Demolition		8,100			
		Slab Demolition		837			
	11	Storage (old truck wash building)	OSA		1974		
		Building Demolition		1,555			
		Slab Demolition		419			
	12	Storage (old soil preparation building)	OSA		1871		
		Building Demolition		1,452			
		Slab Demolition		419			
Pond Area Building Demolition	13	EP1 Structure 1	OSA		1024	\$4,558	\$4,737
		Building Demolition		605			
		Slab Demolition		419			
	14	EP1 Structure 2	OSA		110		
		Building Demolition		110			
	15	EP1 Structure 3	OSA		137		
		Building Demolition		137			
	16	EP1 Structure 4 south	OSA		1080		
		Building Demolition		1,080			
	17	EP2 Structure 1	OSA		605		
		Building Demolition		605			

GRANTS PROJECT
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	18	EP2 Structure 2	OSA		605		
		Building Demolition	OSA	605			
	19	EP2 Structure 3	OSA		972		
		Building Demolition		972			
	20	EP2 Structure 4	OSA		25		
		Building Demolition		25			
Water Tower Demolition	21	Water tower demolition (2)	OSA		1939	\$1,939	\$2,015
		Building Demolition		1,520			
		Slab Demolition		419			
Zeolite System Structure Demolition	22	Zeolite (1200 gpm) Process Bldg (A & B)	ZC		938	\$12,107	\$12,582
		Building Demolition		519			
		Slab Demolition		419			
	23	Zeolite (1200 gpm) Process Bldg (C & D)	ZC		938		
		Building Demolition		519			
		Slab Demolition		419			
	24	Zeolite (1200 gpm) Shower/Wash Bldg	ZC		592		
		Building Demolition		173			
		Slab Demolition		419			
	25	Zeolite (1200 gpm) Regen Tank concrete (2 @ 12x12)	ZC		1507		
		Building Demolition		1,088			
		Slab Demolition		419			
	26	Zeolite (1200 gpm) Regen Tank concrete (2 @ 12x12)	ZC		1507		
		Building Demolition		1,088			
		Slab Demolition		419			
	27	Zeolite (1200 gpm) Acid Tank concrete (2 @ 14x14)	ZC		1794		
		Building Demolition		1,375			
		Slab Demolition		419			
	28	Zeolite (300 gpm) Process Bldg	ZC		938		
		Building Demolition		519			
		Slab Demolition		419			
	29	Zeolite (300 gpm) Shower/Wash Bldg	ZC		592		
		Building Demolition		173			
		Slab Demolition		419			
	30	Zeolite (300 gpm) Regen tank concrete (2 @ 12x12)	ZC		1507		
		Building Demolition		1,088			
		Slab Demolition		419			
	31	Zeolite (300 gpm) Acid tank concrete (1 @ 14x14)	ZC		1794		
		Building Demolition		1,375			
		Slab Demolition		419			

OTHER DEMOLITION & EQUIPMENT REMOVAL							
Disposal in EP1	Equipment Removal				\$294,886	\$294,886	\$306,449
	1	Remove Piping & Pumps from EP2 and Collection Ponds (6 days)	PC	42,988			
	2	Remove Piping & Pumps from EP3 (6 days)	PC	42,988			
	3	Load, haul, place, scrap from RO Plant Demolition in EP1 (10 days)	RO	87,046			
	4	Miscellaneous Structure load, haul, place debris in EP1 (5 days)	OSA	43,523			
	5	Load, haul, place water tank debris in EP1	OSA	26,114			
	6	Zeolite plant load, haul, place debris in EP1	ZC	52,227			

Testing, Borrow Prep. and Tank Cutting	OTHER USER COSTS				\$924,911	\$924,911	\$961,178
	1	Borrow Area Investigation	LTP	52,859			
	2	Borrow Area On-site laboratory/geotech samples	LTP	20,087			
	3	Borrow Prep for LTP Radon Barrier	LTP	343,342			
	4	Weekly survey during radon barrier placement	LTP	34,633			
	5	On-site laboratory equipment and supplies	LTP	29,092			
	6	Dewatering/Water Treatment Allowance	PC	69,266			
	7	Analytical lab samples/shipping CPs and EP2	PC	30,719			
	8	Analytical lab samples/shipping EP3	PC	46,096			
	9	Borrow Area Prep for STP	STP	160,226			
	10	STP Construction QA/QC Lab Trailer/Equip/Supplies	STP	24,485			
	11	Radon Flux Measurements	LTP	53,740			
	12	Silt Fence		18,800			
	13	Tank Cutting (User 8)	RO	41,566			

Buried Pipe Removal	Culvert & Buried Pipe Removal				\$1,970,100	\$1,970,100	\$2,047,351
	1	Pipe removal site wide	LTP	1,970,100			

Radon Barrier and Rock QA/QC	Reclamation Monitoring				\$700,501	\$700,501	\$727,969
	1	QA/QC LTP Radon Barrier & Rock Placement	LTP	495,567			
	2	QA/QC STP Radon Barrier & Rock Placement	STP	204,934			

Environmental Monitoring	Water/Rock Quality Monitoring				\$53,202	\$53,202	\$55,288
	136	Radiological Survey and Environmental Monitoring - 2023		53,202			

Construction Management	Construction Management				\$1,122,369	\$1,122,369	\$1,166,378
	1	Borrow Area Office/Toilet Rental	LTP	16,937			
	2	QA/QC LTP Radon Barrier and Rock Placement	LTP	215,203			
	3	Pond Reclamation Office/Toilet Rental	PC	13,550			
	4	EP3 Pond Recl Office/Toilet Rental	PC	9,033			
	5	Small Tailings Pile Office/Toilet Rental	STP	12,421			
	6	Building/Tank Demo Reclamation Office/Toilet Rental	OSA	2,258			
	7	LTP Project Management & Construction Oversight	LTP	373,173			
	8	Project Mgmt & Const Oversight Demolition, Pond and STP Closure	STP	453,138			
	9	Project Mgmt & Const Oversight Shop Area	OSA	26,655			

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Road Maintenance	Road Maintenance			\$1,114,054		\$1,114,054	\$1,157,737
	1	Large Tailings Pile Closure	LTP	439,758			
	2	Pond Closure	PC	351,806			
	3	Small Tailings Pile Closure	STP	322,489			

Mobilization/Demobilization	MOBILIZATION/DEMOBILIZATION			\$112,614		\$112,614	\$117,030
	1	D8T		15,020			
	2	D9T		3,292			
	3	D10T2		5,734			
	4	14M		1,776			
	5	631K		32,829			
	6	325F		1,725			
	7	930M		1,369			
	8	988K		22,857			
	9	S3050 (fits 320/325/330)		27			
	10	CP68B		1,791			
	11	420F2		5,414			
	12	Light Truck - 1.5 Ton		12			
	13	Supervisor's Truck		11			
	14	Welding Equipment		9			
	15	5 Ton Crane		35			
	16	20 Ton Crane		66			
	17	740C		14,592			
	18	621E (8,000 gal)		1,797			
	19	Dump Truck (10-12 yd3)		4,258			

Closure Plan Studies	Closure Plan Studies			\$116,367		\$116,367	\$120,930
	1	Final Construction Completion Report for LTP Closure	LTP	49,871			
	2	Final Construction Completion Report for STP & Site Closure	STP	59,846			
	3	Final Construction Completion Report for Shop Area	OSA	6,650			

Closure Plan Engineering	Closure Plan Engineering			\$116,367		\$116,367	\$120,930
	1	Final Design & Construction Contract Documents for LTP Closure	LTP	49,871			
	2	Final Design & Construction Contract Documents for STP Closure	STP	59,846			
	3	Final Design & Contract Document Prep for Shop Area Demo	OSA	6,650			

Closure Plan Permitting	Closure Plan Permitting			\$500,000		\$500,000	\$519,606
	1	Radiation Work Development Plan - Water Management		250,000			
	2	Radiation Work Development Plan - Physical Reclamation		250,000			

Administration	Administration			\$533,997		\$533,997	\$554,936
	1	General and admin - Travel and Accommodation - Travel - Air		34,000			
	2	General and admin - Travel and Accommodation - Travel - Accommodation		323,500			
	3	General and admin - Travel and Accommodation - Travel - Per diem		161,750			
	4	General and admin - Travel and Accommodation - Travel - Vehicle		14,747			

NRC FORM 313 (01-2020) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION  APPLICATION FOR MATERIALS LICENSE	APPROVED BY OMB: NO. 3150-0120 Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	EXPIRES: 01/31/2023				
INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.							
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: MATERIALS SAFETY LICENSING BRANCH DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713		IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60532-4352 IF YOU ARE LOCATED IN: ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511					
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.							
1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>SUA-1471</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____		2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code) Homestake Mining Company of California P.O. Box 98 Grants, NM 82070					
3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED Homestake Mining Company of California 560 Anaconda Road Route 605 Milan, NM 87021		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Brad Bingham <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER 505.287.4456 x35</td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER 505.290.8019</td> </tr> <tr> <td colspan="2">BUSINESS E-MAIL ADDRESS bbingham@homestakeminingcoca.com</td> </tr> </table>		BUSINESS TELEPHONE NUMBER 505.287.4456 x35	BUSINESS CELLULAR TELEPHONE NUMBER 505.290.8019	BUSINESS E-MAIL ADDRESS bbingham@homestakeminingcoca.com	
BUSINESS TELEPHONE NUMBER 505.287.4456 x35	BUSINESS CELLULAR TELEPHONE NUMBER 505.290.8019						
BUSINESS E-MAIL ADDRESS bbingham@homestakeminingcoca.com							
SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.							
5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.		6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.					
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.		7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.					
10. RADIATION SAFETY PROGRAM.		9. FACILITIES AND EQUIPMENT.					
12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.		11. WASTE MANAGEMENT.					
		FEE CATEGORY	AMOUNT ENCLOSED \$				
PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html .							
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.							
CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE Brad Bingham Closure Manager		SIGNATURE 	DATE 01/12/21				
FOR NRC USE ONLY							
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS		
			\$				
APPROVED BY				DATE			