



Grants Office

Alan D. Cox  
Project Manager - Grants

30 March 2009

U.S. Nuclear Regulatory Commission  
Office of Nuclear Materials Safety and Safeguards  
Division of Fuel Cycle Safety and Safeguards  
Chief of Fuel Cycle Facilities Branch (Mailstop T8-A33)  
C/o Document Control Desk  
11545 Rockville Pike  
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Rockville, MD 20852-2738

Attn: Mr. William VonTill, Branch Chief

RE: Homestake Mining Company – License SUA-1471  
Docket 40-8903  
**Grants Reclamation Project – 2009 Closure Cost Estimate**

Dear Mr. VonTill:

Enclosed please find two (2) paper hard copies and two CD disks containing the 2009 project cost estimate spreadsheets addressing project closure and reclamation costs for the Grants Reclamation Project for 2010 through 2017. We will also transmit this information to you and John Buckley in electronic form (Excel spreadsheet/workbooks file) via e-mail.

The new cost estimate reflects a total closure cost for the project for years 2010-2017 of \$48,009,755. The total is comprised of the following: total project cost of \$41,063,208; the 15% NRC contingency fee per NUREG-1620 App. C of \$6,159,481; and the NRC Long Term Maintenance / Surveillance Fee of \$787,066 (using February, 2009 CPI index basis). The electronic Excel file spreadsheet and related workbooks should provide the detail needed for your review of the estimate. As you know from previous year cost estimate updates, some of the support information contained in the electronic file is not printed (and therefore not shown) in the attached paper hard copy of the estimate; this information, however, can be viewed from the electronic Excel file.

Thank you for your time and attention on this matter. If you or any members of the NRC staff have any questions, please contact me at the Grants site (505) 287-4456 ext. 25 or via cell phone at (505) 400-2794.

Sincerely yours,

**Homestake Mining Company  
Of California**  
Alan D. Cox  
Project Manager

Cc: R. Chase – SLC (via electronic file)  
B. Ferdinand – SLC (via electronic file)  
T. Grandy – SLC (via electronic file)

**Grants  
Reclamation Project  
Cibola County, NM**

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**CLOSURE COST ESTIMATE**

**2010 through 2017**

**[2009 DOLLARS]**

**March 2009**

Program Element	2010	2011	2012	2013	2014	2015	2016	2017
<b>PROJECT SCHEDULE - SCENARIO F</b>								
<b>Tailings Water Management</b>								
LTP Flushing								
Toe Drain Collection - treatment / evaporation								
LTP Dewatering / Draindown								
<b>Aquifer Remediation</b>								
General groundwater restoration Program								
Upper Chinle Injection								
Middle Chinle Injection								
Fresh water Injection								
Alluvial Collection / treatment								
Irrigation Program Operation								
<b>Treatment &amp; Evaporation</b>								
<u>RO Operation:</u>								
540 GPM Operating Rate								
<u>In-Situ Bio-testing and Remediation</u>								
Testing								
<u>Evaporation Pond #1:</u>								
Operation - treatment water input								
Evaporative dewatering								
Reclamation								
<u>Evaporation Pond #2 &amp; Collection Ponds:</u>								
Operation - treatment water input								
Evaporative dewatering								
Reclamation								
<u>Evaporation Pond #3</u>								
Planning, design, eng., permitting								
Construction								
Operation - treatment water input								
Evaporative dewatering								
Reclamation								
<b>Physical Reclamation / Closure</b>								
<u>Tailing Piles:</u>								
LTP								
Radon Barrier Placement on top								
Rock Cover Placement on top								
STP								
Pond Decommission / Regrading								
Radon Barrier Placement								
Rock Cover Placement								
<u>RO Plant:</u>								
Decommissioning / demolition								
<u>Office / Shop / Bldgs:</u>								
Decommissioning / demolition								
<u>Misc. &amp; Ancillary Facilities:</u>								
Decommissioning / demolition								

Grants Project  
Closure Cost Estimate  
Scenario F

The 2009 closure cost estimate for years 2010 through 2017 was developed with the assumption that the restoration program is to follow the schedule outlined in Scenario F/Case F January, 2006. The restoration activities associated with Scenario F are as follows:

- The Tailings Flushing program is to continue through 2011.
- The Toe Drain collection is to continue through 2012.
- The Collection for Reinjection program is to continue through 2011.
- The Tailings Dewatering program is to continue through 2012.
- The Upper Chinle Injection program is to continue through 2011.
- The Middle Chinle Injection program is to continue through 2011.
- The Freshwater Injection program is to continue through 2013.
- The placement of the Radon Barrier and the Rock Cover for the Large Tailings Pile is to occur in 2013.
- R.O. Plant to be operated at a feed rate of 600 gpm from 2009 through 2015. Practically achievable continuous feed rate is estimated at 540 gpm.
- The Ground-water restoration program is to continue through 2015.
- The Alluvial collection is to continue through 2015.
- The construction of the No. 3 Evaporation Pond is scheduled in 2009
- The operation of Evaporation Pond No. 1 is to continue through 2012.
- The reclamation of Evaporation Pond No. 1 is to occur in 2017.
- The operation of Evaporation Ponds No. 2 and No. 3 and the East and West Collection ponds is to continue through 2016.
- The reclamation of Evaporation Ponds No. 2 and No. 3 and the East and West Collection ponds is to occur in 2017.
- The placement of the Radon Barrier and the Rock Cover for the Small Tailings Pile is to occur in 2017.
- The R.O. Plant demolition is to occur in 2017.
- The Office and other on-site demolition are to occur in 2017.
- The irrigation program is to continue through 2017.

**GRANTS  
RECLAMATION PROJECT  
CIBOLA COUNTY, NM**

**Introduction**

Homestake Mining Company of California manages a ground water restoration program as defined by Nuclear Regulatory Commission (NRC) License SUA-1471, and New Mexico Environment Department (NMED), DP-200 permit. The groundwater restoration / decommissioning and reclamation program is a dynamic on-going strategy based on a restoration plan, which began in 1977, and is scheduled to be completed in 2015; final decommissioning and reclamation of the site is scheduled to be completed by the end of 2017.

Homestake's long-term goal is to restore the ground water aquifer to levels as close as practicable to the up-gradient background levels. A ground water collection area has been established and is bounded by a down-gradient perimeter of injection/infiltration wells and trenches. Alluvial ground water that flows beneath the tailings enters this collection area. All ground water in the alluvial aquifer that is within the collection area is eventually captured by the collection well system. Once ground water quality restoration within the zone is complete and approved by the agencies, the site is to be transferred to the U.S. Department of Energy, which will have the responsibility for long-term site care and maintenance.

The restoration program is designed to remove target contaminants from the ground water by flushing the alluvial aquifer with deep-well supplied fresh water or water produced from the reverse osmosis (R.O.) plant. A series of collection wells is used to collect the contaminated water, which is pumped to the R.O. plant for treatment or, alternatively, reported to the evaporation ponds.

Historically, the contaminants are found in two different aquifer systems. The aquifer system of primary concern is the alluvial system, which averages approximately 100 feet in depth, and extends generally north to south encompassing the San Mateo alluvial aquifer. In addition, a second aquifer system is found within the Chinle formation underlying the San Mateo alluvium. It is comprised of three separate aquifers designated as the Upper, Middle and Lower Chinle aquifers. The Hydro-Engineering 2003b report should be reviewed for details of the geologic setting and aquifer conditions on the site. The Upper and Middle Chinle aquifers subcrop beneath the alluvial system near the project site. Slight to moderately elevated concentrations of constituents of concern have been observed in the Upper, Middle and Lower Chinle aquifers near their subcrops with the overlying alluvial system.

The restoration program, as described above, is made up of injection and collection well systems. R.O. product water, or fresh water pumped from deep wells, is injected in a series of wells or infiltration trenches arranged to form a continuous injection line across the site. The injection line creates a hydraulic barrier that results in containment of the contaminants within the collection area. The contaminated ground

## DECOMMISSIONING PLAN SUMMARY

3-09 NRC Cost Estimate Update

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water is pumped and collected from a series of wells within the collection area. The collected aquifer water is pumped to the R.O. plant or to two large lined evaporation ponds for passive and forced (spray) evaporation. At present, plans are to construct a third evaporation pond in 2009 to augment the present evaporation pond storage and evaporative capacities – the third pond has been approved and the NRC License amended whereas the permit review and approval process for the third pond with the New Mexico Environment Department is ongoing.

In the years from 1977 to the present, the combination of injection wells and the up-gradient collection system has gradually continued the withdrawal of the contaminated ground water plume up-gradient of the current hydraulic barrier which assists in aquifer restoration of ground water concentrations to or below background levels.

The following summary sections contain further descriptions of the decommissioning plan for the Grants Reclamation Project. Discussions of the various plan components are broken down by activity area such that they correspond to the program elements categories found in the NRC project cost estimate which is updated and filed annually with the Commission.

The program activities and related subcategories described below correspond to workbook (4) of the cost estimate spreadsheet entitled “(4) Costs per Year 2” and should be reviewed concurrently for an explanation of the activities and the related costs associated with each program activity category.

### **1. Tailings Facility Closure / Reclamation – XXXXXX-810-23-3600**

Activities and associated costs in this closure activity category are associated with the final decommissioning and physical reclamation/closure of the site. Major activities involve outside contractor construction work and technical consulting support for designs, planning and followup environmental monitoring and include:

- Final physical reclamation and closure of the Large Tailings Pile (LTP) in 2013 after completion of the ongoing pile flushing program and completion of residual extractive pumping of water remaining in the pile prior to final natural draindown. This includes final repair work on the radon barrier and erosion rock cover on the LTP in 2016.
- Final closure and physical reclamation of the Small Tailings Pile (STP) in 2017 subsequent to closure of the evaporation ponds which is scheduled in 2016. RO plant decommissioning activities and associated costs with removal and disposal of contaminated plant, equipment and piping systems are also planned in 2017.

### **2. On-Site Demolition – XXXXXX-810-23-3300**

Activities and related costs in this category include outside consulting technical support to provide design details and plans for reclamation work involved with final demolition

and on-site quality control. Also included are activities and costs related to preparation of final as-builts for final reclamation activities planned at project end in 2017.

### **3. Water Treatment – XXXXXX-810-23-5100**

This project activity program category includes many of the ongoing activities that are related to continuation of the groundwater remediation program at the Grants site. Following is a brief discussion of each of the program subcategories and major cost related items that are involved with maintaining the groundwater cleanup program at the site until final site closure.

- General  
General costs associated with water treatment at the site include those items that are ongoing at a relatively constant support level throughout the completion of the project. Mobile equipment required on site include a dozer, backhoe, front end loader, crane, forklifts, mobile generator sets, and pipe fusion machines. Occasionally rental equipment is needed to support ongoing activities. Fuel, repairs and maintenance cost for this equipment is included. Electrical and natural gas cost for supporting the maintenance shop and office is included in this category; all activities under this category are required for the 2009 to 2017 time period when final project closure is planned.
- Tailings Water Management  
Most costs associated with this category involve management of water related to the Large Tailings Pile (LTP). Continued water analysis and maintenance and installation of groundwater wells and related pumping systems in the LTP are the majority of cost activities from 2009 through 2013. Abandonment of wells in the LTP and closeout and reclamation of the tailings water collection sumps for the pile are planned in 2013 at the time of final LTP pile closure at that time.
- Tailings Collection  
Program activities in this category include maintenance and operation of the LTP tailings water collection wells and piping systems utilized to extract tailings water out of the pile during flushing and final well extraction activities immediately prior to final closure of the LTP. Costs for outside contractors, technical consulting support, and parts and supplies and pumps to maintain the extraction systems are included in the period of 2009 through 2012; the LTP is currently scheduled to be closed and reclaimed in 2013.
- Toe Drains and Sumps Collection  
As with the tailings collection activities described above, activities and costs associated with toe drain and sump water collection in and around the LTP are scheduled to occur from 2009 through 2012. Costs for outside contractors, technical consulting support, and parts and supplies and sump pump repair /

## DECOMMISSIONING PLAN SUMMARY

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replacement to maintain the LTP seepage collection systems are required throughout this time period.

- Tailings Flushing System

Water conveyance and injection systems in place on the LTP to complete the tailings flushing program are scheduled to continue from 2009 through 2011. Pumps required for water supply delivery to the injection systems and outside contractor support for electrical systems, pump repair and technical consulting support are included to maintain the system for the remaining 3 year period for the LTP flushing program.

- Groundwater Management

Activities related to groundwater management pertain to water quality monitoring, well maintenance and drilling / abandonment of wells in the alluvial and Chinle aquifers that are necessary to evaluate the status and progress in remediation of water contamination in these aquifers downgradient of the Grants site. As such, this groundwater remediation program activity is to be maintained for the remainder of site closure from 2009 through 2017 when final site closure is planned. Costs are mostly associated with water quality monitoring, and drilling and abandonment of wells.

- Groundwater Collection

This aspect of the groundwater remediation program at the Grants site involves the groundwater well system utilized to collect aquifer water for continued contaminant removal and subsequent cleanup of the affected aquifer systems downgradient of the Grants site. Groundwater collection is ongoing and will continue through 2015 with the water either treated through the RO plant or utilized for tailings pile flushing or other groundwater cleanup program activities, depending on the quality of the water. Costs are primarily involved with outside contractor and technical consulting support services, parts, supplies, pump repair/replacement, and electrical costs for operation of pumping systems.

- Groundwater Injection

This aspect of the groundwater remediation program at the Grants site involves the groundwater well and infiltration line systems utilized to inject fresh water in the aquifer system to assist in contaminant removal and subsequent cleanup of the affected aquifer systems downgradient of the Grants site. The groundwater injection system is currently in operation and will continue through 2015 in areas where aquifer remediation requires supplemental freshwater injection. Costs for this program are primarily involved with outside contractor and technical consulting support services, parts, supplies, pump repair/replacement, and electrical costs for operation of injection systems.



It should be noted that costs for parts and supplies, pump repair/replacement and electrical cost continue through 2017 as related to the San Andres aquifer production wells which are utilized not only for injection water supply but also for miscellaneous industrial consumptive uses related to general operation of the shop, office and other water requirements for overall project operation.

- Reverse Osmosis (RO) Plant Operations

The 600 gpm RO plant is an important and integral component of the overall groundwater remediation / cleanup strategy at the Grants site. Operation of the plant is utilized to provide a source of clean treated water for injection into the aquifer system downgradient of the Grants tailings piles and also concentrates contaminants for subsequent disposal in the project evaporation pond complex. Plant feed is primarily composed of contaminated groundwater immediately downgradient of the LTP and is an important component for aquifer cleanup and to assure hydraulic containment of contaminants within close proximity of the LTP and millsite area. The Grants site groundwater remediation program has scheduled to operate the plant through 2015 and then keep the plant on standby from 2016-2017 until final decommissioning and demolition / disposal of the plant and equipment can be accomplished. Costs for operation are related to outside contractor and technical consulting services, electrical power and natural gas for operation, parts, supplies, pump repair/replacement, minor water analysis cost for operation, and chemical consumables and RO membranes related to the water treatment process.

- In-Situ Biotesting

R & D test work is underway currently to ascertain whether an in-situ biological treatment technology is a feasible process to assist in groundwater remediation and/or tailings pile closure at the Grants site. Costs to support the evaluation program are contained in 2009 costs; a positive feasibility determination may support additional costs, or implementation of the technology based on results. Costs for the remainder of the project are unknown and therefore not contained in the current project cost estimate.

- Evaporation System Management

Forced evaporative spray systems are utilized to enhance evaporative loss in the pond systems that are in place to contain contaminated waste water at the site. Spray systems are operated on the East and West Collection ponds and the #1, #2 and #3(planned) evaporation ponds. Costs associated with these systems involve outside contractor support for the electrical, pump maintenance, and liner repair/maintenance, technical consulting support, and pump replacement, parts and supplies including odor control chemicals (copper sulfate). Operation of the spray systems vary by pond, based upon

## DECOMMISSIONING PLAN SUMMARY

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operational life of the specific pond and required operation of the system; costs for each pond reflect the operational life of each evaporation system. The planned #3 evaporation pond, for example, is scheduled to have an operational spray system through 2016.

- **Irrigation System Management**

This program component for the Grants site groundwater remediation program involves a crop irrigation program that is utilized to accomplish final “polish” remediation of the affect aquifer systems downgradient of the tailing piles and milling complex area. At present, approximately 400 acres of land are under center pivot and flood irrigation for crop production. Operation of this system was initiated in 1999/2000 and continues to present. It is planned for continued operation through the rest of the remediation program – 2017. Costs related to the crop irrigation systems include: outside contractor and technical consulting support, program monitoring and analysis of soils, vegetation and water quality, well maintenance, installation and abandonment of groundwater wells, parts, supplies, pump repair/replacement, and electrical power consumption costs to operate pumps and center pivot equipment.

#### **4. Monitoring / Regulatory – XXXXXX-810-23-5200**

The monitoring and regulatory permit maintenance programs at the Grants site provide support to a comprehensive surveillance and reporting system necessary to monitor progress in accomplishing groundwater cleanup, identify issue/concern areas in the program, and to provide required reporting and information sharing with the regulatory agencies that have oversight and permit requirement authorities / responsibilities. Costs associated with these activities, which are beyond those captured in other program costs outlined in the previous sections, include permit fees, regulatory agency oversight fees, and technical consulting support fees related to preparation of project reports required by permit or regulatory authority, and parts, supplies, and power requirements for air/meteorological monitoring, and radiation program monitoring and personnel training. Also is included surveying and reporting costs associated with monitoring of physical settlement of the LTP, a condition of existing permits in place for the site. These costs are ongoing and will continue through the life of the project – 2017 – with the exception that settlement monitoring on the LTP is scheduled to cease in 2012 at the time that final cover placement and reclamation of the pile is anticipated.

#### **5. Holding – XXXXXX-811-23-5300**

Maintenance of land asset holdings involves costs with maintaining fences, minor water development maintenance activities for livestock grazing, and cleanup and maintenance of land holdings. A minor amount of land surveying cost is included, as well as costs associated with payment of property taxes.

#### **6. Security and Maintenance – XXXXXX-811-23-5400**

## DECOMMISSIONING PLAN SUMMARY

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Security systems at the Grants site involve costs associated with maintenance of the security system and monthly security maintenance payments to a security support service.

### **7. Severance and Relocation – XXXXXX-XXX-XX-XXXX**

Site personnel severance and relocation costs are not included in the cost estimate, based upon the assumption that costs are to reflect third party contractor arrangements.

### **8. General and Admin. – XXXXXX-811-23-5500**

General and administrative costs include salaries and benefits for staff (cost estimate is based on most recent Bureau of Labor Statistics (BLS) New Mexico data for equivalent staff positions reflective of third party contractor engagement), office supply costs, computer hardware maintenance/replacement, outside contractor IT support, FAX, internet, telephone costs and taxes, licenses, insurance, and outside legal counsel support. Personnel travel, Workers Compensation costs, and several other costs are not included in the cost estimate as reflected by current NRC cost estimate guidance. G & A costs are ongoing and are carried through the planned project end – 2017.

### **9. Miscellaneous Income – XXXXXX-XXX-XX-XXXX**

Minor incidental miscellaneous income from the Grants site operation are not reflected in the cost estimate.

HMC Cost Estimate  
Instruction Sheet

**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 and a text listing of the 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 costs 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 an 8 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 13 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 23 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. To change these numbers, edits should be made to

HMC Cost Estimate  
Instruction Sheet

the "Unit Costs-Quantities" sheet.

**(5) Unit Costs and Quantities :** This worksheet contains 24 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.

**(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.

**(7) Electrical Meter Calc :** This worksheet contains the calculations for distributing the kilowatt-hour usage for meter 453180401 to each of the systems that are metered by that meter. 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.

**(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 Indices. The CPI for the current year should be modified in this sheet, and the value on sheet 1 will reflect this change.

**(9) Physical Reclamation Costs :** This worksheet contains a 2 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.

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Costs for Life of Project  
2009 Dollars

**Physical Reclamation Costs**

Tailings Facility Closure / Reclamation	XXXXX-810-23-3600	\$13,804,513
Other On-Site Demolition	XXXXX-810-23-3300	\$179,961
<b>TOTAL PHYSICAL RECLAMATION COSTS</b>		<b>\$13,984,474</b>

**LONG-TERM CARE AND MAINTENANCE**

WATER TREATMENT	XXXXXX-810-23-5100		\$18,218,022
		General	\$1,320,163
		Tailings Water Management	\$637,108
		Groundwater Management	\$1,559,885
		R.O. Plant Operations	\$10,500,455
		In-Situ Biotesting & Remediation	\$0
		Evaporation System Management	\$2,493,643
		Irrigation Program Operation	\$1,706,768
Monitoring / Regulatory	XXXXXX-810-23-5200		\$1,408,168
		General	\$1,100,000
		Air / Weather Monitoring	\$79,821
		Radiation Monitoring	\$201,347
		Settlement Monument Monitoring	\$27,000
HOLDING	XXXXXX-811-23-5300		\$368,000
		Land	\$368,000
SECURITY & MAINTENANCE	XXXXXX-811-23-5400		\$32,000
		Land & Structures	\$32,000
SEVERANCE AND RELOCATION	XXXXXX-XXX-XX-XXXX		\$0
		Severance and Relocation	\$0
GENERAL & ADMIN.	XXXXXX-810-23-5500		\$7,052,544
		Salaries & Benefits	\$6,108,544
		General Office Costs	\$100,000
		Occupancy Costs	\$80,000
		Communication Costs	\$232,000
		Data Processing Costs	\$88,000
		Taxes, Licenses, and Fees	\$12,000
		Insurance	\$192,000
		Travel and Accommodation	\$0
		Professional Fees	\$120,000
		Outside Services	\$120,000
TOTAL LONG-TERM CARE AND MAINTENANCE COSTS			\$27,078,734
TOTAL INCOME			\$0
TOTAL EXPENSES LESS INCOME			\$41,063,208
15% Contingency fee per NUREG-1620 Appendix C			\$6,159,481
NRC Long-Term Maintenance / Surveillance Fee			\$787,066
TOTAL WITH CONTINGENCY AND LT SURVEILLANCE FEE			\$48,009,755

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Costs for Life of Project  
2009 Dollars

## Physical Reclamation Costs

**Tailings Facility Closure / Reclamation XXXXX-810-23-3600** **\$13,804,513**

711040-	Consulting	\$1,188,379
714090-	Outside Services	\$12,616,134
Total		\$13,804,513

**Other On-Site Demolition XXXXX-810-23-3300** **\$179,961**

711040-	Consulting	\$33,400
714090-	Outside Services	\$146,561
Total		\$179,961

**TOTAL PHYSICAL RECLAMATION COSTS** **\$13,984,474**

## LONG-TERM CARE AND MAINTENANCE

**WATER TREATMENT XXXXX-810-23-5100** **\$18,218,022**

**General**

**\$1,320,163**

717050 -	Fuel:	\$143,980
718010 -	Freight and Transportation:	\$40,000
717060 -	Equipment Expenses:	\$280,880
717075 -	Vehicle Expenses:	\$346,000
610020 -	Utilities:	\$509,303
Total		\$1,320,163

**Tailings Water Management**

**\$637,108**

711030 -	Water Analysis:	\$29,613
714010 -	Driller costs:	\$249,600
610020 -	Utilities:	\$5,571
Total		\$284,784

**Tailings Collection**

714090 -	Outside Services:	\$51,000
711040 -	Consulting Services:	\$45,000
711020 -	Parts and Supplies:	\$72,250
712010 -	Pumps:	\$40,000
Total		\$208,250

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Costs for Life of Project  
2009 Dollars

**Toe Drains and Sumps Collection**

711040 -	Consulting Services:	\$15,000
714090 -	Outside Services:	\$4,500
711020 -	Parts and Supplies:	\$7,800
712010 -	Pumps:	\$930
<b>Total</b>		<b>\$28,230</b>

**Tailings Flushing**

711040 -	Consulting Services:	\$30,000
714090 -	Outside Services:	\$6,000
<b>Injection System</b>		
711020 -	Parts and Supplies:	\$0
<b>Injection Supply System</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$2,100
610020 -	Utilities:	\$77,744
<b>Total</b>		<b>\$115,844</b>

**Groundwater Management**

**\$1,559,885**

711030 -	Water Analysis:	\$224,523
714010 -	Driller costs:	\$461,400
<b>Total</b>		<b>\$685,923</b>

**Groundwater Collection**

714090 -	Outside Services:	\$114,000
711040 -	Consulting Services:	\$120,000
610020 -	Utilities:	\$142,456
<b>C-Line</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
<b>K-Line</b>		
711020 -	Parts and Supplies:	\$13,500
712010 -	Pumps:	\$12,600
610020 -	Utilities:	\$1,627
<b>B-Line</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
<b>D-Line</b>		
711020 -	Parts and Supplies:	\$9,000
712010 -	Pumps:	\$8,400
<b>S-Line</b>		
711020 -	Parts and Supplies:	\$9,000
712010 -	Pumps:	\$8,400
610020 -	Utilities:	\$5,424
<b>P-Line</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$2,170
<b>T-Line</b>		
711020 -	Parts and Supplies:	\$24,000
712010 -	Pumps:	\$25,200
<b>L-Line</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$0
<b>521, 522, and 639</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$0
<b>Total</b>		<b>\$495,777</b>



GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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<b>Groundwater Injection</b>			
714090 -	Outside Services:	\$12,000	
711040 -	Consulting Services:	\$120,000	
<b>Deep Wells</b>			
711020 -	Parts and Supplies:	\$43,600	
712010 -	Pumps:	\$40,000	
610020 -	Utilities:	\$108,986	
<b>WR-Line</b>			
711020 -	Parts and Supplies:	\$0	
<b>M-Line</b>			
711020 -	Parts and Supplies:	\$0	
<b>B-Line</b>			
711020 -	Parts and Supplies:	\$8,800	
<b>C-Line</b>			
711020 -	Parts and Supplies:	\$6,200	
<b>K-Line</b>			
711020 -	Parts and Supplies:	\$0	
<b>J-Line</b>			
711020 -	Parts and Supplies:	\$0	
<b>X-Line</b>			
711020 -	Parts and Supplies:	\$6,800	
<b>G-Line</b>			
711020 -	Parts and Supplies:	\$0	
<b>D-Line</b>			
711020 -	Parts and Supplies:	\$10,200	
<b>T-Line</b>			
711020 -	Parts and Supplies:	\$12,600	
<b>S-Line</b>			
711020 -	Parts and Supplies:	\$9,000	
<b>Upper Chinle</b>			
711020 -	Parts and Supplies:	\$0	
<b>Middle Chinle</b>			
711020 -	Parts and Supplies:	\$0	
<b>Total</b>		<b>\$378,186</b>	
<b>R.O. Plant Operations</b>			<b>\$10,500,455</b>
714090 -	Outside Services:	\$108,000	
711040 -	Consulting Services:	\$150,000	
610020 -	Utilities:	\$1,329,201	
711020 -	Parts and Supplies:	\$8,777,894	
712010 -	Pumps/Starters:	\$120,000	
711030 -	Water Analysis:	\$15,360	
<b>Total</b>		<b>\$10,500,455</b>	
<b>In-Situ Biotesting &amp; Remediation</b>			<b>\$0</b>
714090 -	Outside Services:	\$0	
711040 -	Consulting Services:	\$0	
711020 -	Parts and Supplies:	\$0	
712010 -	Pumps:	\$0	
711030 -	Water Analysis:	\$0	
<b>Total</b>		<b>\$0</b>	

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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<b>Evaporation System Management</b>			<b>\$2,493,643</b>
714090 -	Outside Services:	\$211,000	
711040 -	Consulting Services:	\$120,000	
711030 -	Water Analysis:	\$20,537	
610020 -	Utilities:	\$1,303,674	
	<b>Total</b>	<b>\$1,655,211</b>	
<b>East Collection Pond</b>			
711020 -	Parts and Supplies:	\$35,000	
	<b>Total</b>	<b>\$35,000</b>	
<b>West Collection Pond</b>			
711020 -	Parts and Supplies:	\$80,000	
	<b>Total</b>	<b>\$80,000</b>	
<b>No. 1 Evaporation Pond</b>			
711020 -	Parts and Supplies:	\$106,317	
712010 -	Pumps:	\$45,000	
	<b>Total</b>	<b>\$151,317</b>	
<b>No. 2 &amp; No. 3 Evaporation Ponds</b>			
711020 -	Parts and Supplies:	\$408,115	
712010 -	Pumps:	\$164,000	
	<b>Total</b>	<b>\$572,115</b>	
<b>Irrigation System Management</b>			<b>\$1,706,768</b>
714090 -	Outside Services:	\$72,000	
711040 -	Consulting Services:	\$160,000	
711020 -	Parts and Supplies:	\$134,000	
718070 -	Vegetation Analysis:	\$51,840	
718030 -	Soil Analysis:	\$56,333	
711030 -	Water Analysis:	\$102,064	
714010 -	Driller costs:	\$41,800	
	<b>Total</b>	<b>\$618,037</b>	
<b>Section 34 Distribution System</b>			
711020 -	Parts and Supplies:	\$35,800	
	<b>Total</b>	<b>\$35,800</b>	
<b>Section 34 Irrigation Supply System</b>			
711020 -	Parts and Supplies:	\$23,200	
712010 -	Pumps:	\$56,000	
610020 -	Utilities:	\$256,736	
	<b>Total</b>	<b>\$335,936</b>	

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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2009 Dollars

<b>Section 34, 35 and 3 Injection Supply System</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$0
	<b>Total</b>	<b>\$0</b>
<b>Section 34, 35 and 3 Injection System</b>		
711020 -	Parts and Supplies:	\$0
	<b>Total</b>	<b>\$0</b>
<b>Section 33 Center Pivot</b>		
711020 -	Parts and Supplies:	\$16,000
610020 -	Utilities:	\$15,910
	<b>Total</b>	<b>\$31,910</b>
<b>Section 33 Distribution System</b>		
711020 -	Parts and Supplies:	\$32,800
	<b>Total</b>	<b>\$32,800</b>
<b>Section 33 Irrigation Supply System</b>		
711020 -	Parts and Supplies:	\$23,200
712010 -	Pumps:	\$56,000
610020 -	Utilities:	\$214,067
	<b>Total</b>	<b>\$293,267</b>
<b>Section 28 Center Pivot</b>		
711020 -	Parts and Supplies:	\$16,000
610020 -	Utilities:	\$25,312
	<b>Total</b>	<b>\$41,312</b>
<b>Section 28 Distribution System</b>		
711020 -	Parts and Supplies:	\$35,800
	<b>Total</b>	<b>\$35,800</b>
<b>Section 28 Irrigation Supply System</b>		
711020 -	Parts and Supplies:	\$17,600
712010 -	Pumps:	\$28,000
610020 -	Utilities:	\$235,040
	<b>Total</b>	<b>\$280,640</b>
<b>Section 28 Injection Supply System</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$1,266
	<b>Total</b>	<b>\$1,266</b>
<b>Section 28 Injection System</b>		
711020 -	Parts and Supplies:	\$0
	<b>Total</b>	<b>\$0</b>
<b>Additional Irrigation Expansion</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Utilities:	\$0
	<b>Total</b>	<b>\$0</b>
<b>Additional Irrigation Distribution System</b>		
711020 -	Parts and Supplies:	\$0
	<b>Total</b>	<b>\$0</b>

GRANTS PROJECT  
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<b>Additional Irrigation Supply System</b>		
711020 -	Parts and Supplies:	\$0
712010 -	Pumps:	\$0
610020 -	Utilities:	\$0
<b>Total</b>		<b>\$0</b>

<b>Monitoring / Regulatory</b>	<b>XXXXX-810-23-5200</b>	<b>\$1,408,168</b>
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<b>General</b>			<b>\$1,100,000</b>
718900 -	NRC Fees:	\$400,000	
718025 -	Permitting Fees:	\$40,000	
711040 -	Consulting Services:	\$660,000	
<b>Total</b>		<b>\$1,100,000</b>	

<b>Air / Weather Monitoring</b>			<b>\$79,821</b>
714090 -	Outside Services:	\$44,000	
711020 -	Parts and Supplies:	\$4,000	
610020 -	Utilities:	\$31,821	
<b>Total</b>		<b>\$79,821</b>	

<b>Radiation Monitoring</b>			<b>\$201,347</b>
714090 -	Outside Services:	\$16,000	
711020 -	Parts and Supplies:	\$63,305	
718030 -	Lab Fees:	\$74,176	
610020 -	Utilities:	\$23,866	
711040 -	Radiation Training:	\$24,000	
<b>Total</b>		<b>\$201,347</b>	

<b>Settlement Monument Monitoring</b>			<b>\$27,000</b>
714090 -	Outside Services:	\$27,000	
<b>Total</b>		<b>\$27,000</b>	

<b>HOLDING</b>	<b>XXXXX-811-23-5300</b>	<b>\$368,000</b>
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<b>Land</b>			<b>\$368,000</b>
790060-	Land Purchase	\$0	
790090-	Land Rental	\$0	
790110-	Title commitment policy costs	\$0	
790010-	Appraisal	\$0	
790120-	Land improvements	\$48,000	
623010-	Property tax	\$200,000	
790120-	Surveying / Mapping	\$120,000	
<b>Total</b>		<b>\$368,000</b>	

<b>SECURITY &amp; MAINTENANCE</b>	<b>XXXXX-811-23-5400</b>	<b>\$32,000</b>
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<b>Land &amp; Structures</b>			<b>\$32,000</b>
717030-	Surveillance	\$32,000	
<b>Total</b>		<b>\$32,000</b>	

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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2009 Dollars

**SEVERANCE AND RELOCATION XXXXX-XXX-XX-XXXX**

**\$0**

**Severance and Relocation**

**\$0**

717030-	Severance and Relocation	\$0
	<b>Total</b>	<b>\$0</b>

**GENERAL & ADMIN. XXXXX-810-23-5500**

**\$7,052,544**

**Salaries & Benefits**

**\$6,108,544**

600000-	Salaries - General	\$2,154,000
600040-	Benefits - General	\$896,992
600001-	Salaries - Groundwater	\$2,044,260
600040-	Benefits - Groundwater	\$851,292
600050-	Temporary labor	\$162,000
601060-	Workman's compensation	\$0
601130-	Memberships	\$0
601140-	Seminars & training (employees)	\$0
603000-	Employee relations	\$0
	<b>Total</b>	<b>\$6,108,544</b>

**General Office Costs**

**\$100,000**

622000-	Stationery & supplies	\$40,000
622010-	Kitchen supplies	\$16,000
622040-	Publications & subscriptions	\$0
622050-	Miscellaneous	\$12,000
622050-	Misc. Computer Hardware	\$32,000
622070-	Lunch / Dinners	\$0
	<b>Total</b>	<b>\$100,000</b>

**Occupancy Costs**

**\$80,000**

610030-	Office - Other	\$80,000
	<b>Total</b>	<b>\$80,000</b>

**Communication Costs**

**\$232,000**

620010-	Telecommunications	\$96,000
620060-	Postage	\$16,000
620070-	Courier services	\$80,000
620080-	Data line access	\$40,000
	<b>Total</b>	<b>\$232,000</b>

**Data Processing Costs**

**\$88,000**

621000-	Equipment rental / leases	\$72,000
621020-	Computer software	\$16,000
	<b>Total</b>	<b>\$88,000</b>

**Taxes, Licenses, and Fees**

**\$12,000**

623000-	Office - Other	\$12,000
	<b>Total</b>	<b>\$12,000</b>

**Insurance**

**\$192,000**

624040-	Insurance	\$192,000
	<b>Total</b>	<b>\$192,000</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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2009 Dollars

<b>Travel and Accommodation</b>			<b>\$0</b>
640000-	Travel - Air	\$0	
640020-	Travel - Accommodation	\$0	
640030-	Travel - Taxis	\$0	
640050-	Travel - Gas	\$0	
640060-	Travel - Meals	\$0	
	<b>Total</b>	<b>\$0</b>	
<b>Professional Fees</b>			<b>\$120,000</b>
670000-	Legal fees	\$120,000	
	<b>Total</b>	<b>\$120,000</b>	
<b>Outside Services</b>			<b>\$120,000</b>
714090-	W/C Admin.	\$120,000	
	<b>Total</b>	<b>\$120,000</b>	
<b>TOTAL LONG-TERM CARE AND MAINTENANCE COSTS</b>			<b>\$27,078,734</b>
<b>INCOME</b>			<b>\$0</b>
<b>TOTAL EXPENSES LESS INCOME</b>			<b>\$41,063,208</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

TAILINGS FACILITY CLOSURE / RECLAMATION XXXXXX-810-23-3600									
	2010	2011	2012	2013	2014	2015	2016	2017	Total
711040 - Consulting:	0	0	0	394,723	0	0	157,775	635,881	1,188,379
714090 - Outside Services:	25,000	25,000	25,000	5,473,809	0	750,000	677,515	5,639,811	12,616,134
<i>Total Closure/Reclamation</i>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>5,868,532</b>	<b>0</b>	<b>750,000</b>	<b>835,290</b>	<b>6,275,691</b>	<b>13,804,513</b>
ON-SITE DEMOLITION XXXXXX-810-23-3300									
711040 - Consulting:	0	0	0	0	0	0	0	33,400	33,400
714090 - Outside Services:	0	0	0	0	0	0	0	146,561	146,561
<i>Total Demolition</i>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>179,961</b>	<b>179,961</b>
WATER TREATMENT XXXXXX-810-23-5100									
--General--									
717050 - Fuel:	17,998	17,998	17,998	17,998	17,998	17,998	17,998	17,998	143,980
718010 - Freight and Transportation:	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
717060 - Equipment Expenses:	34,110	38,110	34,110	34,110	38,110	34,110	34,110	34,110	280,880
717075 - Vehicle Expenses:	62,000	74,000	50,000	38,000	38,000	38,000	24,000	22,000	346,000
610020 - Utilities:	63,663	63,663	63,663	63,663	63,663	63,663	63,663	63,663	509,303
<i>Total</i>	<b>182,770</b>	<b>198,770</b>	<b>170,770</b>	<b>158,770</b>	<b>162,770</b>	<b>158,770</b>	<b>144,770</b>	<b>142,770</b>	<b>1,320,163</b>
--Tailings Water Management--									
711030 - Water Analysis:	8,838	8,838	8,838	775	775	775	775	0	29,613
714010 - Driller costs:	8,000	8,000	4,000	204,500	0	0	4,300	20,800	249,600
610020 - Utilities:	2061	1908	1603	0	0	0	0	0	5571
<i>Subtotal</i>	<b>18,898</b>	<b>18,745</b>	<b>14,440</b>	<b>205,275</b>	<b>775</b>	<b>775</b>	<b>5,075</b>	<b>20,800</b>	<b>284,784</b>
Tailings Collection									
714090 - Outside Services:	17000	17000	17000	0	0	0	0	0	51000
711040 - Consulting Services:	15000	15000	15000	0	0	0	0	0	45000
711020 - Parts and Supplies:	29000	29000	14250	0	0	0	0	0	72250
712010 - Pumps:	15000	15000	10000	0	0	0	0	0	40000
<i>Subtotal</i>	<b>76,000</b>	<b>76,000</b>	<b>56,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>208,250</b>

GRANTS PROJECT  
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Estimated Costs Per Year  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Toe Drains and Sumps Collection</b>										
711040 - Consulting Services:		5,000	5,000	5,000	0	0	0	0	0	15,000
714090 - Outside Services:		1,500	1,500	1,500	0	0	0	0	0	4,500
711020 - Parts and Supplies:		2,600	2,600	2,600	0	0	0	0	0	7,800
712010 - Pumps:		310	310	310	0	0	0	0	0	930
<b>Subtotal</b>		<b>9,410</b>	<b>9,410</b>	<b>9,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,230</b>
<b>Tailings Flushing System</b>										
711040 - Consulting Services:		15,000	15,000	0	0	0	0	0	0	30,000
714090 - Outside Services:		3,000	3,000	0	0	0	0	0	0	6,000
<u>Injection System</u>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
<u>Injection Supply System</u>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	2,100	0	0	0	0	0	0	2,100
610020 - Utilities:		38,872	38,872	0	0	0	0	0	0	77,744
<b>Subtotal</b>		<b>56,872</b>	<b>58,972</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>115,844</b>
<b>Total</b>		<b>161,180</b>	<b>163,127</b>	<b>80,100</b>	<b>205,275</b>	<b>775</b>	<b>775</b>	<b>5,075</b>	<b>20,800</b>	<b>637,108</b>
<b>--Groundwater Management--</b>										
711030 - Water Analysis:		32,419	32,419	32,419	32,419	32,419	32,419	20,329	9,683	224,523
714010 - Driller costs:		20,350	20,350	20,350	20,350	2,100	2,100	135,000	174,800	461,400
<b>Subtotal</b>		<b>52,769</b>	<b>52,769</b>	<b>52,769</b>	<b>52,769</b>	<b>34,519</b>	<b>34,519</b>	<b>155,329</b>	<b>184,483</b>	<b>685,923</b>
<b>Groundwater Collection</b>										
714090 - Outside Services:		19,000	19,000	19,000	19,000	19,000	19,000	0	0	114,000
711040 - Consulting Services:		20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
610020 - Utilities:		24,591	24,591	24,591	24,591	22,047	22,047	0	0	142,456
<u>C-Line</u>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
<u>K-Line</u>										
711020 - Parts and Supplies:		2,250	2,250	2,250	2,250	2,250	2,250	0	0	13,500
712010 - Pumps:		2,100	2,100	2,100	2,100	2,100	2,100	0	0	12,600
610020 - Utilities:		271	271	271	271	271	271	0	0	1,627
<u>B-Line</u>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
<u>D-Line</u>										
711020 - Parts and Supplies:		2,250	2,250	2,250	2,250	0	0	0	0	9,000
712010 - Pumps:		2,100	2,100	2,100	2,100	0	0	0	0	8,400



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WATER TREATMENT (Cont.)		2010	2011	2012	2013	2014	2015	2016	2017	Total
XXXXXX-810-23-5100										
<u>S-Line</u>										
711020 -	Parts and Supplies:	2,250	2,250	2,250	2,250	0	0	0	0	9,000
712010 -	Pumps:	2,100	2,100	2,100	2,100	0	0	0	0	8,400
610020 -	Utilities:	1,356	1,356	1,356	1,356	0	0	0	0	5,424
<u>P-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 -	Pumps:	0	0	0	0	0	0	0	0	0
610020 -	Utilities:	271	271	271	271	271	271	271	271	2,170
<u>T-Line</u>										
711020 -	Parts and Supplies:	4,000	4,000	4,000	4,000	4,000	4,000	0	0	24,000
712010 -	Pumps:	4,200	4,200	4,200	4,200	4,200	4,200	0	0	25,200
<u>L-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 -	Pumps:	0	0	0	0	0	0	0	0	0
610020 -	Utilities:	0	0	0	0	0	0	0	0	0
<u>521, 522, and 639</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 -	Pumps:	0	0	0	0	0	0	0	0	0
610020 -	Utilities:	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>		86,739	86,739	86,739	86,739	74,139	74,139	271	271	495,777
<u>Groundwater Injection</u>										
714090 -	Outside Services:	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
711040 -	Consulting Services:	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
<u>Deep Wells</u>										
711020 -	Parts and Supplies:	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	43,600
712010 -	Pumps:	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
610020 -	Utilities:	26,343	26,343	9,384	9,384	9,384	9,384	9,384	9,384	108,986
<u>WR-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>M-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>B-Line</u>										
711020 -	Parts and Supplies:	2,200	2,200	2,200	2,200	0	0	0	0	8,800
<u>C-Line</u>										
711020 -	Parts and Supplies:	1,700	1,700	1,700	1,100	0	0	0	0	6,200
<u>K-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>J-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>X-Line</u>										
711020 -	Parts and Supplies:	1,700	1,700	1,700	1,700	0	0	0	0	6,800
<u>G-Line</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>D-Line</u>										
711020 -	Parts and Supplies:	1,700	1,700	1,700	1,700	1,700	1,700	0	0	10,200
<u>T-Line</u>										
711020 -	Parts and Supplies:	2,300	2,300	2,300	2,300	2,300	1,100	0	0	12,600
<u>S-Line</u>										
711020 -	Parts and Supplies:	1,700	1,700	1,700	1,700	1,100	1,100	0	0	9,000
<u>Upper Chinle</u>										
711020 -	Parts and Supplies:	0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Middle Chinle</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
Subtotal		70,093	70,093	53,134	52,534	46,934	45,734	19,834	19,834	378,186
Total		209,600	209,600	192,641	192,041	155,591	154,391	175,434	204,587	1,559,885
<b>R.O. Plant Operations</b>										
714090 - Outside Services:		18,000	18,000	18,000	18,000	18,000	18,000	0	0	108,000
711040 - Consulting Services:		25,000	25,000	25,000	25,000	25,000	25,000	0	0	150,000
610020 - Utilities:		218,076	218,076	218,076	218,076	218,076	218,076	10,373	10,373	1,329,201
711020 - Parts and Supplies:		1,462,982	1,462,982	1,462,982	1,462,982	1,462,982	1,462,982	0	0	8,777,894
712010 - Pumps/Starters:		20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
711030 - Water Analysis:		2,560	2,560	2,560	2,560	2,560	2,560	0	0	15,360
Total		1,746,618	1,746,618	1,746,618	1,746,618	1,746,618	1,746,618	10,373	10,373	10,500,455
<b>In-Situ Biotesting</b>										
714090 - Outside Services:		0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
711030 - Water Analysis:		0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0
<b>--Evaporation System Management--</b>										
714090 - Outside Services:		32,000	27,000	32,000	27,000	27,000	32,000	27,000	7,000	211,000
711040 - Consulting Services:		30,000	10,000	10,000	10,000	30,000	10,000	10,000	10,000	120,000
711030 - Water Analysis:		3,166	3,166	3,166	3,166	3,166	3,166	1,544	0	20,537
610020 - Utilities:		279,100	279,100	279,100	127,193	127,193	127,193	84,795	0	1,303,674
Subtotal		344,266	319,266	324,266	167,358	187,358	172,358	123,339	17,000	1,655,211
<b>East Collection Pond</b>										
711020 - Parts and Supplies:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	35,000
Subtotal		5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	35,000
<b>West Collection Pond</b>										
711020 - Parts and Supplies:		5,000	5,000	50,000	5,000	5,000	5,000	5,000	0	80,000
Subtotal		5,000	5,000	50,000	5,000	5,000	5,000	5,000	0	80,000

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

<b>WATER TREATMENT (Cont.)</b>									
XXXXXX-810-23-5100									
	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>No. 1 Evaporation Pond</b>									
711020 - Parts and Supplies:	35,439	35,439	35,439	0	0	0	0	0	106,317
712010 - Pumps:	15,000	15,000	15,000	0	0	0	0	0	45,000
<i>Subtotal</i>	<b>50,439</b>	<b>50,439</b>	<b>50,439</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>151,317</b>
<b>No. 2 &amp; No. 3 Evaporation Ponds</b>									
711020 - Parts and Supplies:	64,325	54,965	61,965	54,965	61,965	54,965	54,965	0	408,115
712010 - Pumps:	24,000	26,000	24,000	26,000	24,000	26,000	14,000	0	164,000
<i>Subtotal</i>	<b>88,325</b>	<b>80,965</b>	<b>85,965</b>	<b>80,965</b>	<b>85,965</b>	<b>80,965</b>	<b>68,965</b>	<b>0</b>	<b>572,115</b>
<i>Total</i>	<b>493,030</b>	<b>460,670</b>	<b>515,670</b>	<b>258,323</b>	<b>283,323</b>	<b>263,323</b>	<b>202,304</b>	<b>17,000</b>	<b>2,493,643</b>
<b>--Irrigation System Management--</b>									
714090 - Outside Services:	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	72,000
711040 - Consulting Services:	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	160,000
711020 - Parts and Supplies:	16,750	16,750	16,750	16,750	16,750	16,750	16,750	16,750	134,000
718070 - Vegetation Analysis:	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	51,840
718030 - Soil Analysis:	7,042	7,042	7,042	7,042	7,042	7,042	7,042	7,042	56,333
711030 - Water Analysis:	12,758	12,758	12,758	12,758	12,758	12,758	12,758	12,758	102,064
714010 - Driller costs:	5,750	5,750	5,750	5,750	5,750	5,750	3,650	3,650	41,800
<i>Subtotal</i>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>75,680</b>	<b>75,680</b>	<b>618,037</b>
<b>Section 34 Flood Irrigation</b>									
<b>Section 34 Distribution System</b>									
711020 - Parts and Supplies:	5,600	2,600	5,600	2,600	5,600	2,600	5,600	5,600	35,800
<b>Section 34 Irrigation Supply System</b>									
711020 - Parts and Supplies:	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	23,200
712010 - Pumps:	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
610020 - Utilities:	32,092	32,092	32,092	32,092	32,092	32,092	32,092	32,092	256,736
<b>Section 34 Injection Supply System</b>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 - Pumps:	0	0	0	0	0	0	0	0	0
610020 - Utilities:	0	0	0	0	0	0	0	0	0
<b>Section 34 Injection System</b>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>	<b>47,592</b>	<b>44,592</b>	<b>47,592</b>	<b>44,592</b>	<b>47,592</b>	<b>44,592</b>	<b>47,592</b>	<b>47,592</b>	<b>371,736</b>
<b>Section 33 Center Pivot Irrigation</b>									
<b>Section 33 Center Pivot</b>									
711020 - Parts and Supplies:	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
610020 - Utilities:	1,989	1,989	1,989	1,989	1,989	1,989	1,989	1,989	15,910
<b>Section 33 Distribution System</b>									
711020 - Parts and Supplies:	5,600	2,600	5,600	2,600	5,600	2,600	5,600	2,600	32,800
<b>Section 33 Irrigation Supply System</b>									
711020 - Parts and Supplies:	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	23,200
712010 - Pumps:	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
610020 - Utilities:	26,758	26,758	26,758	26,758	26,758	26,758	26,758	26,758	214,067
<i>Subtotal</i>	<b>46,247</b>	<b>43,247</b>	<b>46,247</b>	<b>43,247</b>	<b>46,247</b>	<b>43,247</b>	<b>46,247</b>	<b>43,247</b>	<b>357,978</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

**WATER TREATMENT (Cont.)**  
XXXXXX-810-23-5100

	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Section 28 Center Pivot Irrigation</b>									
<u>Section 28 Center Pivot</u>									
711020 - Parts and Supplies:	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
610020 - Utilities:	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	25,312
<u>Section 28 Distribution System</u>									
711020 - Parts and Supplies:	5,600	2,600	5,600	2,600	5,600	2,600	5,600	5,600	35,800
<u>Section 28 Irrigation Supply System</u>									
711020 - Parts and Supplies:	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	17,600
712010 - Pumps:	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	28,000
610020 - Utilities:	29,380	29,380	29,380	29,380	29,380	29,380	29,380	29,380	235,040
<u>Section 28 Injection Supply System</u>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 - Pumps:	0	0	0	0	0	0	0	0	0
610020 - Utilities:	181	181	181	181	181	181	181	0	1,266
<u>Section 28 Injection System</u>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>	<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>45,844</b>	<b>359,018</b>
<b>Additional Center Pivot Irrigation</b>									
<u>Additional Irrigation Expansion</u>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
610020 - Utilities:	0	0	0	0	0	0	0	0	0
<u>Additional Irrigation Distribution System</u>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
<u>Additional Irrigation Supply System</u>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
712010 - Pumps:	0	0	0	0	0	0	0	0	0
610020 - Utilities:	0	0	0	0	0	0	0	0	0
<i>Subtotal</i>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Total</i>	<b>217,644</b>	<b>208,644</b>	<b>217,644</b>	<b>208,644</b>	<b>217,644</b>	<b>208,644</b>	<b>215,544</b>	<b>212,363</b>	<b>1,706,768</b>
<i>Total Water Treatment</i>	<b>3,010,842</b>	<b>2,987,429</b>	<b>2,923,443</b>	<b>2,769,672</b>	<b>2,566,722</b>	<b>2,532,522</b>	<b>753,500</b>	<b>607,893</b>	<b>18,218,022</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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MONITORING/REGULATORY XXXXXX-810-23-5200		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--General--</b>										
718900 - NRC Fees:		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
718025 - Permitting Fees:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
711040 - Consulting Services:		90,000	100,000	70,000	70,000	70,000	90,000	100,000	70,000	660,000
<i>Total</i>		<b>145,000</b>	<b>155,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>145,000</b>	<b>155,000</b>	<b>125,000</b>	<b>1,100,000</b>
<b>--Air / Weather Monitoring--</b>										
714090 - Outside Services:		5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	44,000
711020 - Parts and Supplies:		500	500	500	500	500	500	500	500	4,000
610020 - Utilities:		3,978	3,978	3,978	3,978	3,978	3,978	3,978	3,978	31,821
<i>Total</i>		<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>79,821</b>
<b>--Radiation Monitoring--</b>										
714090 - Outside Services:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
711020 - Parts and Supplies:		7,913	7,913	7,913	7,913	7,913	7,913	7,913	7,913	63,305
718030 - Lab Fees:		9,272	9,272	9,272	9,272	9,272	9,272	9,272	9,272	74,176
610020 - Utilities:		2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	23,866
711040 - Radiation Training:		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	24,000
<i>Total</i>		<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>201,347</b>
<b>--Settlement Monument Monitoring--</b>										
714090 - Outside Services:		9,000	9,000	9,000	0	0	0	0	0	27,000
<i>Total</i>		<b>9,000</b>	<b>9,000</b>	<b>9,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,000</b>
<i>Total Monitoring/Regulatory</i>		<b>189,146</b>	<b>199,146</b>	<b>169,146</b>	<b>160,146</b>	<b>160,146</b>	<b>180,146</b>	<b>190,146</b>	<b>160,146</b>	<b>1,408,168</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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HOLDING XXXXXX-811-23-5300		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Land--</b>										
790060 - Land Purchase:		0	0	0	0	0	0	0	0	0
790090 - Land Rental:		0	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:		0	0	0	0	0	0	0	0	0
790010 - Appraisal :		0	0	0	0	0	0	0	0	0
790120 - Land Improvements:		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	48,000
623010 - Property Tax:		25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
790120 - Surveying / Mapping:		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<i>Total Holding</i>		<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>46,000</b>	<b>368,000</b>

  

SECURITY AND MAINTENANCE XXXXXX-811-23-5400		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Land and Structures--</b>										
717030 - Surveillance:		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000
<i>Total Security/Maintenance</i>		<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>32,000</b>

  

SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Severance and Relocation--</b>										
xxxxxx - Severance and Relocation:		0	0	0	0	0	0	0	0	0
<i>Total Severance/Relocation</i>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Scenario F Closure Cost Estimate  
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GENERAL AND ADMIN. XXXXXX-811-23-5500		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Salaries and Benefits--</b>										
600000 - Salaries - General:		269,250	269,250	269,250	269,250	269,250	269,250	269,250	269,250	2,154,000
600040 - Benefits - General:		112,124	112,124	112,124	112,124	112,124	112,124	112,124	112,124	896,992
600001 - Salaries - Groundwater:		284,040	284,040	284,040	284,040	246,030	246,030	208,020	208,020	2,044,260
600040 - Benefits - Groundwater:		118,283	118,283	118,283	118,283	102,454	102,454	86,626	86,626	851,292
600050 - Temporary Labor:		15,000	15,000	15,000	36,000	15,000	15,000	15,000	36,000	162,000
601060 - Workman's Compensation:		0	0	0	0	0	0	0	0	0
601130 - Memberships:		0	0	0	0	0	0	0	0	0
601140 - Seminars and Training:		0	0	0	0	0	0	0	0	0
603000 - Employee Relations:		0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>798,697</b>	<b>798,697</b>	<b>798,697</b>	<b>819,697</b>	<b>744,858</b>	<b>744,858</b>	<b>691,020</b>	<b>712,020</b>	<b>6,108,544</b>
<b>--General Office Costs--</b>										
622000 - Stationary & Supplies:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
622010 - Kitchen Supplies:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
622040 - Publications & Subscriptions:		0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
622050 - Misc. Computer Hardware:		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000
622070 - Lunch / Dinners:		0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>100,000</b>
<b>--Occupancy Costs--</b>										
610030 - Office - Other:		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>80,000</b>
<b>--Communication Costs--</b>										
620010 - Telecommunications:		12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	96,000
620060 - Postage:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
620070 - Courier Services:		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
620080 - Data Line Access:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
<b>Total</b>		<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>232,000</b>
<b>--Data Processing Costs--</b>										
621000 - Equipment Rental / Leases:		9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	72,000
621020 - Computer Software:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
<b>Total</b>		<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>88,000</b>
<b>--Taxes, Licenses, and Fees--</b>										
623000 - Office - Other:		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
<b>Total</b>		<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>12,000</b>
<b>--Insurance--</b>										
624040 - Insurance:		24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	192,000
<b>Total</b>		<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>192,000</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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2010 Through Completion

**GENERAL AND ADMIN. (Cont.)**  
**XXXXXX-811-23-5500**

	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Travel and Accommodation--</b>									
640000 - Travel - Air:	0	0	0	0	0	0	0	0	0
640020 - Travel - Accommodation:	0	0	0	0	0	0	0	0	0
640030 - Travel - Taxis:	0	0	0	0	0	0	0	0	0
640050 - Travel - Gas:	0	0	0	0	0	0	0	0	0
640060 - Travel - Meals:	0	0	0	0	0	0	0	0	0
<i>Total</i>	0	0	0	0	0	0	0	0	0
<b>--Professional Fees--</b>									
670000 - Legal Fees:	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<i>Total</i>	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<b>--Outside Services--</b>									
714090 - General Outside Services	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<i>Total</i>	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<i>Total General/Admin.</i>	916,697	916,697	916,697	937,697	862,858	862,858	809,020	830,020	7,052,544
<i>Grand Total</i>	4,191,685	4,178,272	4,084,286	9,786,046	3,639,726	4,375,526	2,637,955	8,103,712	41,063,208

**MISCELLANEOUS INCOME**  
**XXXXXX-XXX-XX-XXXX**

	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Misc. Income--</b>									
499000 - Misc. Income:	0	0	0	0	0	0	0	0	0
<i>Total Misc. Income.</i>	0	0	0	0	0	0	0	0	0



GRANTS PROJECT  
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TAILINGS FACILITY CLOSURE / RECLAMATION XXXXXX-810-23-3600									
	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>711040 - Consulting:</b>	0	0	0	394,723	0	0	157,775	635,881	1,188,379
Large Tailings Pile Closure -	0	0	0	394,723	0	0	0	0	394,723
Final Closure and Demolition (R.O. Plant, Small Tailings Piles, E. and W. Collection ponds and No. 1, No. 2 and No. 3 Evap. Ponds) -	0	0	0	0	0	0	157,775	635,881	793,656
Review of Physical Reclamation -	0	0	0	0	0	0	0	0	0
<b>714090 - Outside Services:</b>	25,000	25,000	25,000	5,473,809	0	750,000	677,515	5,639,811	12,616,134
Large Tailings Pile Closure -	0	0	0	5,451,036	0	0	0	0	5,451,036
Current Reclamation Repairs -	25,000	25,000	25,000	0	0	750,000	0	0	825,000
Pond Closure-	0	0	0	0	0	0	677,515	2,356,133	3,033,648
Small Tailings Pile Closure -	0	0	0	0	0	0	0	3,090,988	3,090,988
R.O. Plant Demolition -	0	0	0	0	0	0	0	169,918	169,918
Radiological Survey and Environmental Monitoring -	0	0	0	22,773	0	0	0	22,773	45,545
<i>Total Closure/Reclamation</i>	25,000	25,000	25,000	5,868,532	0	750,000	835,290	6,275,691	13,804,513

GRANTS PROJECT  
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ON-SITE DEMOLITION XXXXXX-810-23-3300		2010	2011	2012	2013	2014	2015	2016	2017	Total
711040 - Consulting:		0	0	0	0	0	0	0	33,400	33,400
	Engineering Design / QAQC -	0	0	0	0	0	0	0	33,400	33,400
714090 - Outside Services:		0	0	0	0	0	0	0	146,561	146,561
	Demolition / Cleanup -	0	0	0	0	0	0	0	146,561	146,561
<i>Total Demolition</i>		0	0	0	0	0	0	0	179,961	179,961

GRANTS PROJECT  
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WATER TREATMENT XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--General--</b>										
717050 - Fuel:		17,998	17,998	17,998	17,998	17,998	17,998	17,998	17,998	143,980
	Diesel -	6,425	6,425	6,425	6,425	6,425	6,425	6,425	6,425	51,400
	Gas -	11,573	11,573	11,573	11,573	11,573	11,573	11,573	11,573	92,580
718010 - Freight and Transportation:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
717060 - Equipment Expenses:		34,110	34,110	34,110	34,110	34,110	34,110	34,110	34,110	280,880
	Crane -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Loader -	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	28,000
	Backhoe -	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000
	Cat Dozer -	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	52,880
	Large Forklift -	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	28,000
	Small Forklift -	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	20,000
	Compressor -	500	500	500	500	500	500	500	500	4,000
	Onan Small Generator -	500	500	500	500	500	500	500	500	4,000
	New Generator -	500	500	500	500	500	500	500	500	4,000
	HDPE Fusion Machines -	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
	Pump Unit -	0	4,000	0	0	4,000	0	0	0	8,000
	Misc. Equipment Rental -	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
	All Other Equipment -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
717075 - Vehicle Expenses:		62,000	74,000	50,000	38,000	38,000	38,000	24,000	22,000	346,000
	Vehicle Maintenance and Repair	14,000	14,000	14,000	14,000	14,000	14,000	12,000	10,000	106,000
	Truck Leasing -	36,000	48,000	24,000	12,000	12,000	12,000	0	0	144,000
	Support Vehicle Leasing -	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	96,000
610020 - Utilities:		63,663	63,663	63,663	63,663	63,663	63,663	63,663	63,663	509,303
	Electrical Meter 453097200 -	10,396	10,396	10,396	10,396	10,396	10,396	10,396	10,396	83,168
	Electrical Meter 453283402 -	0	0	0	0	0	0	0	0	0
	Electrical Meter 453283302 -	0	0	0	0	0	0	0	0	0
	Electrical Meter 606480500 -	108	108	108	108	108	108	108	108	868
	Natural Gas Meter 0812933 -	53,158	53,158	53,158	53,158	53,158	53,158	53,158	53,158	425,267
	Natural Gas Meter 0814134 -	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>182,770</b>	<b>198,770</b>	<b>170,770</b>	<b>158,770</b>	<b>162,770</b>	<b>158,770</b>	<b>144,770</b>	<b>142,770</b>	<b>1,320,163</b>
<b>--Tailings Water Management--</b>										
711030 - Water Analysis:		8,838	8,838	8,838	775	775	775	775	0	29,613
	A-list	0	0	0	0	0	0	0	0	0
	B-list	5,100	5,100	5,100	0	0	0	0	0	15,300
	C-list	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0
	F-list	0	0	0	0	0	0	0	0	0
	G-list	715	715	715	0	0	0	0	0	2,145
	H-list	3,023	3,023	3,023	775	775	775	775	0	12,168
	I-list	0	0	0	0	0	0	0	0	0
	J-list	0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
714010 - Driller costs:		8,000	8,000	4,000	204,500	0	0	4,300	20,800	249,600
	New Tailings Wells -	0	0	0	0	0	0	0	0	0
	Tailings Well Development -	8,000	8,000	4,000	0	0	0	0	0	20,000
	5 "Tailings Well/Sump Abandonment -	0	0	0	137,600	0	0	3,200	0	140,800
	2" Tailings Well Abandonment -	0	0	0	47,300	0	0	1,100	0	48,400
	Perched Alluvial Well Abandonment -	0	0	0	19,600	0	0	0	0	19,600
	U. Chinle Well Development -	0	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	0	0	0	0	0	0	0	11,700	11,700
	M. Chinle Well Development -	0	0	0	0	0	0	0	0	0
	M. Chinle Well Abandonment -	0	0	0	0	0	0	0	9,100	9,100
610020 - Utilities:		2061	1908	1603	0	0	0	0	0	5571
	Electrical Meter 453180401 -	2061	1908	1603	0	0	0	0	0	5571
	Electrical Meter 453086900 -	0	0	0	0	0	0	0	0	0
Subtotal		18,898	18,745	14,440	205,275	775	775	5,075	20,800	284,784
<b>Tailings Collection</b>										
714090 - Outside Services:		17000	17000	17000	0	0	0	0	0	51000
	City Electric -	2000	2000	2000	0	0	0	0	0	6000
	Northwest Geophysical -	7000	7000	7000	0	0	0	0	0	21000
	Surveyor -	0	0	0	0	0	0	0	0	0
	Pump/motor repair -	8000	8000	8000	0	0	0	0	0	24000
711040 - Consulting Services:		15000	15000	15000	0	0	0	0	0	45000
	Hydrologist/Engineer -	15000	15000	15000	0	0	0	0	0	45000
711020 - Parts and Supplies:		29000	29000	14250	0	0	0	0	0	72250
	Collection Wellhead Materials -	10000	10000	5000	0	0	0	0	0	25000
	Piping and Fittings -	4000	4000	2000	0	0	0	0	0	10000
	Valves -	4000	4000	2000	0	0	0	0	0	10000
	Meters -	1000	1000	250	0	0	0	0	0	2250
	Electrical System Parts -	10000	10000	5000	0	0	0	0	0	25000
712010 - Pumps:		15000	15000	10000	0	0	0	0	0	40000
	Submersible Pumps -	15000	15000	10000	0	0	0	0	0	40000
Subtotal		76,000	76,000	56,250	0	0	0	0	0	208,250
<b>Toe Drains and Sumps Collection</b>										
711040 - Consulting Services:		5,000	5,000	5,000	0	0	0	0	0	15,000
	Hydrologist/Engineer -	5,000	5,000	5,000	0	0	0	0	0	15,000
714090 - Outside Services:		1,500	1,500	1,500	0	0	0	0	0	4,500
	Pump/motor repair -	1,000	1,000	1,000	0	0	0	0	0	3,000
	City Electric -	500	500	500	0	0	0	0	0	1,500
711020 - Parts and Supplies:		2,600	2,600	2,600	0	0	0	0	0	7,800
	Sump Collection Materials -	1,000	1,000	1,000	0	0	0	0	0	3,000
	Piping and Fittings -	100	100	100	0	0	0	0	0	300
	Valves -	400	400	400	0	0	0	0	0	1,200
	Meters -	100	100	100	0	0	0	0	0	300
	Electrical System Parts -	1,000	1,000	1,000	0	0	0	0	0	3,000
712010 - Pumps:		310	310	310	0	0	0	0	0	930
	Submersible Pumps -	310	310	310	0	0	0	0	0	930
Subtotal		9,410	9,410	9,410	0	0	0	0	0	28,230

GRANTS PROJECT  
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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Tailings Flushing System</b>										
711040 - Consulting Services:		15,000	15,000	0	0	0	0	0	0	30,000
	Hydrologist/Engineer -	15,000	15,000	0	0	0	0	0	0	30,000
714090 - Outside Services:		3,000	3,000	0	0	0	0	0	0	6,000
	City Electric -	2,000	2,000	0	0	0	0	0	0	4,000
	Pump/motor repair -	1,000	1,000	0	0	0	0	0	0	2,000
<b>Injection System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
<b>Injection Supply System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	2,100	0	0	0	0	0	0	2,100
	Submersible Pumps -	0	2,100	0	0	0	0	0	0	2,100
610020 - Utilities:		38,872	38,872	0	0	0	0	0	0	77,744
	Electrical Meter 453086700 -	7,684	7,684	0	0	0	0	0	0	15,368
	Electrical Meter 453086800 -	7,684	7,684	0	0	0	0	0	0	15,368
	Electrical Meter 453096100 -	7,684	7,684	0	0	0	0	0	0	15,368
	Electrical Meter 453097500 -	4,068	4,068	0	0	0	0	0	0	8,136
	Electrical Meter 453194300 -	7,684	7,684	0	0	0	0	0	0	15,368
	Electrical Meter 453181501 -	4,068	4,068	0	0	0	0	0	0	8,136
	<b>Subtotal</b>	<b>56,872</b>	<b>56,972</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>115,844</b>
	<b>Total</b>	<b>161,180</b>	<b>163,127</b>	<b>80,100</b>	<b>205,275</b>	<b>775</b>	<b>775</b>	<b>5,075</b>	<b>20,800</b>	<b>637,108</b>
<b>-Groundwater Management-</b>										
711030 - Water Analysis:		32,419	32,419	32,419	32,419	32,419	32,419	20,329	9,683	224,523
	A-list	230	230	230	230	230	230	184	184	1,748
	B-list	11,560	11,560	11,560	11,560	11,560	11,560	6,800	1,700	77,860
	C-list	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	290	290	580
	E-list	0	0	0	0	0	0	0	0	0
	F-list	1,104	1,104	1,104	1,104	1,104	1,104	690	276	7,590
	G-list	1,210	1,210	1,210	1,210	1,210	1,100	825	825	9,185
	H-list	9,145	9,145	9,145	9,145	9,145	9,145	6,200	4,650	65,720
	I-list	2,737	2,737	2,737	2,737	2,737	2,737	1,190	595	18,207
	J-list	6,433	6,433	6,433	6,433	6,433	6,433	3,875	1,163	43,633
	Column Tests	0	0	0	0	0	0	0	0	0
714010 - Driller costs:		20,350	20,350	20,350	20,350	2,100	2,100	135,000	174,800	461,400
	New Alluvial Wells -	15,500	15,500	15,500	15,500	0	0	0	0	62,000
	Alluvial Well Development -	2,750	2,750	2,750	2,750	0	0	0	0	11,000
	Alluvial Well Abandonment -	0	0	0	0	0	0	135,000	135,000	270,000
	New U. Chinle Wells -	0	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
	U. Chinle Well Abandonment -	0	0	0	0	0	0	0	18,200	18,200
	New M. Chinle Wells -	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>714010 - Driller costs (Cont.):</b>										
	M. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
	M. Chinle Well Abandonment -	0	0	0	0	0	0	0	13,000	13,000
	New L. Chinle Wells -	0	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
	L. Chinle Well Abandonment -	0	0	0	0	0	0	0	2,600	2,600
	San Andres Well Abandonment -	0	0	0	0	0	0	0	6,000	6,000
	Drilling Mobilization/Demobilization -	6,000	6,000	6,000	6,000	6,000	6,000	12,000	18,000	66,000
	<b>Subtotal</b>	<b>52,769</b>	<b>52,769</b>	<b>52,769</b>	<b>52,769</b>	<b>34,519</b>	<b>34,519</b>	<b>155,329</b>	<b>184,483</b>	<b>685,923</b>
<b>Groundwater Collection</b>										
<b>714090 - Outside Services:</b>		<b>19,000</b>	<b>19,000</b>	<b>19,000</b>	<b>19,000</b>	<b>19,000</b>	<b>19,000</b>	<b>0</b>	<b>0</b>	<b>114,000</b>
	City Electric -	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
	Continental Divide -	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
	Surveyor -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Northwest Geophysical -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
<b>711040 - Consulting Services:</b>		<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>120,000</b>
	Hydrologist/Engineer -	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
<b>610020 - Utilities:</b>		<b>24,591</b>	<b>24,591</b>	<b>24,591</b>	<b>24,591</b>	<b>22,047</b>	<b>22,047</b>	<b>0</b>	<b>0</b>	<b>142,456</b>
	Electrical Meter 453180401 -	24,591	24,591	24,591	24,591	22,047	22,047	0	0	142,456
<b>C-Line</b>										
<b>711020 - Parts and Supplies:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
<b>K-Line</b>										
<b>711020 - Parts and Supplies:</b>		<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>0</b>	<b>0</b>	<b>13,500</b>
	Collection Wellhead Materials -	1,000	1,000	1,000	1,000	1,000	1,000	0	0	6,000
	Piping and Fittings -	500	500	500	500	500	500	0	0	3,000
	Valves -	200	200	200	200	200	200	0	0	1,200
	Meters -	50	50	50	50	50	50	0	0	300
	Electrical System Parts -	500	500	500	500	500	500	0	0	3,000
<b>712010 - Pumps:</b>		<b>2,100</b>	<b>2,100</b>	<b>2,100</b>	<b>2,100</b>	<b>2,100</b>	<b>2,100</b>	<b>0</b>	<b>0</b>	<b>12,600</b>
	Submersible Pumps -	2,100	2,100	2,100	2,100	2,100	2,100	0	0	12,600
<b>610020 - Utilities:</b>		<b>271</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>0</b>	<b>0</b>	<b>1,627</b>
	Electrical Meter 453183000 -	271	271	271	271	271	271	0	0	1,627
<b>B-Line</b>										
<b>711020 - Parts and Supplies:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
<b>D-Line</b>										
<b>711020 - Parts and Supplies:</b>		<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,000</b>
	Collection Wellhead Materials -	1,000	1,000	1,000	1,000	0	0	0	0	4,000
	Piping and Fittings -	500	500	500	500	0	0	0	0	2,000
	Valves -	200	200	200	200	0	0	0	0	800
	Meters -	50	50	50	50	0	0	0	0	200
	Electrical System Parts -	500	500	500	500	0	0	0	0	2,000

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
712010 - Pumps:		2,100	2,100	2,100	2,100	0	0	0	0	8,400
	Submersible Pumps -	2,100	2,100	2,100	2,100	0	0	0	0	8,400
<b>S-Line</b>										
711020 - Parts and Supplies:		2,250	2,250	2,250	2,250	0	0	0	0	9,000
	Collection Wellhead Materials -	1,000	1,000	1,000	1,000	0	0	0	0	4,000
	Piping and Fittings -	500	500	500	500	0	0	0	0	2,000
	Valves -	200	200	200	200	0	0	0	0	800
	Meters -	50	50	50	50	0	0	0	0	200
	Electrical System Parts -	500	500	500	500	0	0	0	0	2,000
712010 - Pumps:		2,100	2,100	2,100	2,100	0	0	0	0	8,400
	Submersible Pumps -	2,100	2,100	2,100	2,100	0	0	0	0	8,400
610020 - Utilities:		1,356	1,356	1,356	1,356	0	0	0	0	5,424
	Electrical Meter 453088300 -	1,356	1,356	1,356	1,356	0	0	0	0	5,424
<b>P-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
610020 - Utilities:		271	271	271	271	271	271	271	271	2,170
	Electrical Meter 433985700 -	271	271	271	271	271	271	271	271	2,170
<b>T-Line</b>										
711020 - Parts and Supplies:		4,000	4,000	4,000	4,000	4,000	4,000	0	0	24,000
	Collection Wellhead Materials -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Piping and Fittings -	500	500	500	500	500	500	0	0	3,000
	Valves -	400	400	400	400	400	400	0	0	2,400
	Meters -	100	100	100	100	100	100	0	0	600
	Electrical System Parts -	1,000	1,000	1,000	1,000	1,000	1,000	0	0	6,000
712010 - Pumps:		4,200	4,200	4,200	4,200	4,200	4,200	0	0	25,200
	Submersible Pumps -	4,200	4,200	4,200	4,200	4,200	4,200	0	0	25,200
<b>L-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
610020 - Utilities:		0	0	0	0	0	0	0	0	0
	Electrical Meter 453195100 -	0	0	0	0	0	0	0	0	0
<b>521, 522, and 539</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
610020 - Utilities:		0	0	0	0	0	0	0	0	0
	Electrical Meter 453196200 -	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>		<b>86,739</b>	<b>86,739</b>	<b>86,739</b>	<b>86,739</b>	<b>74,139</b>	<b>74,139</b>	<b>271</b>	<b>271</b>	<b>495,777</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Groundwater Injection</b>										
714090 - Outside Services:		2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Surveyor -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
711040 - Consulting Services:		20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
	Hydrologist/Engineer -	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
<b>Deep Wells</b>										
711020 - Parts and Supplies:		5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	43,600
	Collection Wellhead Materials -	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
	Piping and Fittings -	500	500	500	500	500	500	500	500	4,000
	Valves -	450	450	450	450	450	450	450	450	3,600
	Meters -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Electrical System Parts -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
712010 - Pumps:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
	Submersible Pumps -	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
610020 - Utilities:		26,343	26,343	9,384	9,384	9,384	9,384	9,384	9,384	108,986
		25,439	25,439	8,480	8,480	8,480	8,480	8,480	8,480	101,754
	Electrical Meter 453190200 -	904	904	904	904	904	904	904	904	7,232
<b>WR-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
<b>M-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
<b>B-Line</b>										
711020 - Parts and Supplies:		2,200	2,200	2,200	2,200	0	0	0	0	8,800
	Injection Wellhead Materials -	700	700	700	700	0	0	0	0	2,800
	Piping and Fittings -	1,000	1,000	1,000	1,000	0	0	0	0	4,000
	Valves -	400	400	400	400	0	0	0	0	1,600
	Meters -	100	100	100	100	0	0	0	0	400
<b>C-Line</b>										
711020 - Parts and Supplies:		1,700	1,700	1,700	1,100	0	0	0	0	6,200
	Injection Wellhead Materials -	700	700	700	350	0	0	0	0	2,450
	Piping and Fittings -	500	500	500	500	0	0	0	0	2,000
	Valves -	400	400	400	200	0	0	0	0	1,400
	Meters -	100	100	100	50	0	0	0	0	350
<b>K-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
<b>J-Line</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0



GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<u>X-Line</u>										
711020 - Parts and Supplies:	1,700	1,700	1,700	1,700	0	0	0	0	0	6,800
Injection Wellhead Materials -	700	700	700	700	0	0	0	0	0	2,800
Piping and Fittings -	500	500	500	500	0	0	0	0	0	2,000
Valves -	400	400	400	400	0	0	0	0	0	1,600
Meters -	100	100	100	100	0	0	0	0	0	400
<u>G-Line</u>										
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
<u>D-Line</u>										
711020 - Parts and Supplies:	1,700	1,700	1,700	1,700	1,700	1,700	0	0	0	10,200
Injection Wellhead Materials -	700	700	700	700	700	700	0	0	0	4,200
Piping and Fittings -	500	500	500	500	500	500	0	0	0	3,000
Valves -	400	400	400	400	400	400	0	0	0	2,400
Meters -	100	100	100	100	100	100	0	0	0	600
<u>T-Line</u>										
711020 - Parts and Supplies:	2,300	2,300	2,300	2,300	2,300	1,100	0	0	0	12,600
Injection Wellhead Materials -	1,050	1,050	1,050	1,050	1,050	350	0	0	0	5,600
Piping and Fittings -	500	500	500	500	500	500	0	0	0	3,000
Valves -	600	600	600	600	600	200	0	0	0	3,200
Meters -	150	150	150	150	150	50	0	0	0	800
<u>S-Line</u>										
711020 - Parts and Supplies:	1,700	1,700	1,700	1,700	1,100	1,100	0	0	0	9,000
Injection Wellhead Materials -	700	700	700	700	350	350	0	0	0	3,500
Piping and Fittings -	500	500	500	500	500	500	0	0	0	3,000
Valves -	400	400	400	400	200	200	0	0	0	2,000
Meters -	100	100	100	100	50	50	0	0	0	500
<u>Upper Chinle</u>										
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
<u>Middle Chinle</u>										
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
<b>Subtotal</b>	<b>70,093</b>	<b>70,093</b>	<b>53,134</b>	<b>52,534</b>	<b>46,934</b>	<b>45,734</b>	<b>19,834</b>	<b>19,834</b>	<b>378,186</b>	
<b>Total</b>	<b>209,600</b>	<b>209,600</b>	<b>192,641</b>	<b>192,041</b>	<b>155,591</b>	<b>154,391</b>	<b>175,434</b>	<b>204,587</b>	<b>1,559,885</b>	

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>R.O. Plant Operations</b>										
714090 - Outside Services:		18,000	18,000	18,000	18,000	18,000	18,000	0	0	108,000
	City Electric -	8,000	8,000	8,000	8,000	8,000	8,000	0	0	48,000
	Pump/motor repair -	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
	R.O. Plant Refurbishment	0	0	0	0	0	0	0	0	0
	R.O. Plant Upgrades	0	0	0	0	0	0	0	0	0
	Miscellaneous R.O. Plant Equipment	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		25,000	25,000	25,000	25,000	25,000	25,000	0	0	150,000
	Hydrologist/Engineer -	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
	R.O. Engineer -	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
	Electronics -	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
610020 - Utilities:		218,076	218,076	218,076	218,076	218,076	218,076	10,373	10,373	1,329,201
	Electrical Meter 453180503 -	208,607	208,607	208,607	208,607	208,607	208,607	904	904	1,253,450
	Natural Gas Meter 0807957 -	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	75,751
711020 - Parts and Supplies:		1,462,982	1,462,982	1,462,982	1,462,982	1,462,982	1,462,982	0	0	8,777,894
	Piping and Fittings -	1,000	1,000	1,000	1,000	1,000	1,000	0	0	6,000
	Valves -	4,000	4,000	4,000	4,000	4,000	4,000	0	0	24,000
	Meters -	4,000	4,000	4,000	4,000	4,000	4,000	0	0	24,000
	Computer -	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
	Equipment Maintenance/Upgrade -	0	0	0	0	0	0	0	0	0
	Instruments -	15,000	15,000	15,000	15,000	15,000	15,000	0	0	90,000
	Filters -	14,700	14,700	14,700	14,700	14,700	14,700	0	0	88,200
	Membranes (LPRO) -	308,160	308,160	308,160	308,160	308,160	308,160	0	0	1,848,960
	Membranes (HPRO) -	99,440	99,440	99,440	99,440	99,440	99,440	0	0	596,640
	Sand Filter Media -	8,000	8,000	8,000	8,000	8,000	8,000	0	0	48,000
	Air Diffusers -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Caustic Soda -	549,360	549,360	549,360	549,360	549,360	549,360	0	0	3,296,160
	Sulfuric Acid -	290,000	290,000	290,000	290,000	290,000	290,000	0	0	1,740,000
	Anti-Scalent -	11,200	11,200	11,200	11,200	11,200	11,200	0	0	67,200
	Lime (Bulk) -	128,400	128,400	128,400	128,400	128,400	128,400	0	0	770,400
	Muriatic Acid -	2,058	2,058	2,058	2,058	2,058	2,058	0	0	12,350
	Membrane Cleaner -	14,664	14,664	14,664	14,664	14,664	14,664	0	0	87,984
	Building / Facility -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Heating / AC -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
	Electrical -	2,000	2,000	2,000	2,000	2,000	2,000	0	0	12,000
712010 - Pumps/Starters:		20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
	Pumps -	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
711030 - Water Analysis:		2,560	2,560	2,560	2,560	2,560	2,560	0	0	15,360
	A-list	0	0	0	0	0	0	0	0	0
	B-list	1,020	1,020	1,020	1,020	1,020	1,020	0	0	6,120
	C-list	0	0	0	0	0	0	0	0	0
	D-list	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0
	F-list	0	0	0	0	0	0	0	0	0
	G-list	1,540	1,540	1,540	1,540	1,540	1,540	0	0	9,240
	H-list	0	0	0	0	0	0	0	0	0
	I-list	0	0	0	0	0	0	0	0	0
	J-list	0	0	0	0	0	0	0	0	0
Total		1,746,618	1,746,618	1,746,618	1,746,618	1,746,618	1,746,618	10,373	10,373	10,500,455
<b>In-Situ Biotesting</b>										
714090 - Outside Services:		0	0	0	0	0	0	0	0	0
	City Electric -	0	0	0	0	0	0	0	0	0
711040 - Consulting Services:		0	0	0	0	0	0	0	0	0
	Hydrologist/Engineer -	0	0	0	0	0	0	0	0	0
	Bio-Engineer -	0	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.)									
XXXXXX-810-23-5100									
	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>711020 - Parts and Supplies (Cont.):</b>									
Instruments -	0	0	0	0	0	0	0	0	0
Data Control Equipment -	0	0	0	0	0	0	0	0	0
Phosphorous Source -	0	0	0	0	0	0	0	0	0
Carbon Source -	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>									
Pumps -	0	0	0	0	0	0	0	0	0
<b>711030 - Water Analysis:</b>									
A-list	0	0	0	0	0	0	0	0	0
B-list	0	0	0	0	0	0	0	0	0
C-list	0	0	0	0	0	0	0	0	0
D-list	0	0	0	0	0	0	0	0	0
E-list	0	0	0	0	0	0	0	0	0
F-list	0	0	0	0	0	0	0	0	0
G-list	0	0	0	0	0	0	0	0	0
H-list	0	0	0	0	0	0	0	0	0
I-list	0	0	0	0	0	0	0	0	0
J-list	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0
<b>-Evaporation System Management-</b>									
<b>714090 - Outside Services:</b>									
City Electric -	32,000	27,000	32,000	27,000	27,000	32,000	27,000	7,000	211,000
Pump/motor Repair -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Liner Repair -	10,000	5,000	10,000	5,000	5,000	10,000	5,000	5,000	55,000
Pond 3 Construction -	20,000	20,000	20,000	20,000	20,000	20,000	20,000	0	140,000
<b>711040 - Consulting Services:</b>									
Hydrologist/Engineer -	0	0	0	0	0	0	0	0	0
Odor Control -	30,000	10,000	10,000	10,000	30,000	10,000	10,000	10,000	120,000
<b>711030 - Water Analysis:</b>									
A-list	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
B-list	20,000	0	0	0	20,000	0	0	0	40,000
C-list	3,166	3,166	3,166	3,166	3,166	3,166	1,544	0	20,537
D-list	0	0	0	0	0	0	0	0	0
E-list	0	0	0	0	0	0	0	0	0
F-list	1,020	1,020	1,020	1,020	1,020	1,020	510	0	6,630
G-list	0	0	0	0	0	0	0	0	0
H-list	0	0	0	0	0	0	0	0	0
I-list	0	0	0	0	0	0	0	0	0
J-list	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>									
Electrical Meter 453180401 -	279,100	279,100	279,100	127,193	127,193	127,193	84,795	0	1,303,674
	279,100	279,100	279,100	127,193	127,193	127,193	84,795	0	1,303,674
Subtotal	344,266	319,266	324,266	167,358	187,358	172,358	123,339	17,000	1,655,211
<b>East Collection Pond</b>									
<b>711020 - Parts and Supplies:</b>									
Piping and Fittings -	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	35,000
Valves -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Meters -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	7,000
	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Subtotal	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	35,000
<b>West Collection Pond</b>									
<b>711020 - Parts and Supplies:</b>									
Piping and Fittings -	5,000	5,000	50,000	5,000	5,000	5,000	5,000	0	80,000
Sludge Transfer Materials-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Valves -	0	0	45,000	0	0	0	0	0	45,000
Meters -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	7,000
	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Subtotal	5,000	5,000	50,000	5,000	5,000	5,000	5,000	0	80,000

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100									
No. 1 Evaporation Pond									
	2010	2011	2012	2013	2014	2015	2016	2017	Total
711020 - Parts and Supplies:	35,439	35,439	35,439	0	0	0	0	0	106,317
Piping and Fittings -	2,000	2,000	2,000	0	0	0	0	0	6,000
Spray Nozzles -	13,600	13,600	13,600	0	0	0	0	0	40,800
Valves -	1,000	1,000	1,000	0	0	0	0	0	3,000
Meters -	2,000	2,000	2,000	0	0	0	0	0	6,000
Copper Sulfate -	14,910	14,910	14,910	0	0	0	0	0	44,730
Nozzle for Turbo-Mist Unit -	1,929	1,929	1,929	0	0	0	0	0	5,787
712010 - Pumps:	15,000	15,000	15,000	0	0	0	0	0	45,000
Turbo-Mist Unit -	0	0	0	0	0	0	0	0	0
Centrifugal Pumps -	10,000	10,000	10,000	0	0	0	0	0	30,000
Centrifugal Pump Parts -	2,000	2,000	2,000	0	0	0	0	0	6,000
Pump and Motor Repair for Turbo-Mist -	3,000	3,000	3,000	0	0	0	0	0	9,000
Subtotal	50,439	50,439	50,439	0	0	0	0	0	151,317
No. 2 & No. 3 Evaporation Pond									
711020 - Parts and Supplies:	64,325	54,965	61,965	54,965	61,965	54,965	54,965	0	408,115
Piping and Fittings (Pond 2) -	4,000	2,000	4,000	2,000	4,000	2,000	2,000	0	20,000
Spray Nozzles (Pond 2) -	1,360	1,360	1,360	1,360	1,360	1,360	1,360	0	9,520
Valves (Pond 2) -	2,000	1,000	2,000	1,000	2,000	1,000	1,000	0	10,000
Meters (Pond 2) -	4,000	2,000	4,000	2,000	4,000	2,000	2,000	0	20,000
Copper Sulfate (Pond 2) -	29,820	29,820	29,820	29,820	29,820	29,820	29,820	0	208,740
Piping and Fittings (Pond 3) -	4,000	2,000	4,000	2,000	4,000	2,000	2,000	0	20,000
Spray Nozzles (Pond 3) -	2,720	1,360	1,360	1,360	1,360	1,360	1,360	0	10,880
Valves (Pond 3) -	2,000	1,000	1,000	1,000	1,000	1,000	1,000	0	8,000
Meters (Pond 3) -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Copper Sulfate (Pond 3) -	12,425	12,425	12,425	12,425	12,425	12,425	12,425	0	86,975
712010 - Pumps:	24,000	26,000	24,000	26,000	24,000	26,000	14,000	0	164,000
Centrifugal Pumps (Pond 2) -	15,000	15,000	15,000	15,000	15,000	15,000	5,000	0	95,000
Centrifugal Pump Parts (Pond 2) -	2,000	4,000	2,000	4,000	2,000	4,000	2,000	0	20,000
Centrifugal Pumps (Pond 3) -	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	35,000
Centrifugal Pump Parts (Pond 3) -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	14,000
Subtotal	88,325	80,965	85,965	80,965	85,965	80,965	68,965	0	572,115
Total	493,030	460,670	515,670	258,323	283,323	263,323	202,304	17,000	2,493,643
--Irrigation System Management--									
714090 - Outside Services:	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	72,000
City Electric -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Continental Divide -	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
Surveying -	0	0	0	0	0	0	0	0	0
Field Prep & Planting -	0	0	0	0	0	0	0	0	0
Pump/motor Repair -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
711040 - Consulting Services:	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	160,000
Hydrologist/Engineer -	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
Other -	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
711020 - Parts and Supplies:	16,750	16,750	16,750	16,750	16,750	16,750	16,750	16,750	134,000
Agricultural Equipment Maintenance -	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Agricultural Equipment Fuel -	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	30,000
Lubricants -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
Alfalfa -	0	0	0	0	0	0	0	0	0
Cereal Grains -	0	0	0	0	0	0	0	0	0
Fertilizer -	0	0	0	0	0	0	0	0	0
Fencing -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
718030 - Vegetation Analysis:	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	51,840
718030 - Soil Analysis:	7,042	7,042	7,042	7,042	7,042	7,042	7,042	7,042	56,333
711030 - Water Analysis:	12,758	12,758	12,758	12,758	12,758	12,758	12,758	12,758	102,064
A-list	0	0	0	0	0	0	0	0	0
B-list	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	17,680
C-list	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>711030 - Water Analysis (Cont.):</b>										
	D-list	0	0	0	0	0	0	0	0	0
	E-list	0	0	0	0	0	0	0	0	0
	F-list	690	690	690	690	690	690	690	690	5,520
	G-list	770	770	770	770	770	770	770	770	6,160
	H-list	3,798	3,798	3,798	3,798	3,798	3,798	3,798	3,798	30,380
	I-list	1,726	1,726	1,726	1,726	1,726	1,726	1,726	1,726	13,804
	J-list	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	28,520
<b>714010 - Driller costs:</b>		<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>3,650</b>	<b>3,650</b>	<b>41,800</b>
	New Alluvial Wells -	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	24,800
	Alluvial Well Development -	550	550	550	550	550	550	550	550	4,400
	Alluvial Well Abandonment -	0	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	0	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
	M. Chinle Well Abandonment -	0	0	0	0	0	0	0	0	0
	M. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
	L. Chinle Well Abandonment -	0	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	700	700	700	700	700	700	0	0	4,200
<b>Subtotal</b>		<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>77,780</b>	<b>75,680</b>	<b>75,680</b>	<b>618,037</b>
<b>Section 34 Flood Irrigation</b>										
<b>Section 34 Distribution System</b>										
<b>711020 - Parts and Supplies:</b>		<b>5,600</b>	<b>2,600</b>	<b>5,600</b>	<b>2,600</b>	<b>5,600</b>	<b>2,600</b>	<b>5,600</b>	<b>5,600</b>	<b>35,800</b>
	Piping and Fittings -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Valves -	600	600	600	600	600	600	600	600	4,800
	Meters -	3,000	0	3,000	0	3,000	0	3,000	3,000	15,000
<b>Section 34 Irrigation Supply System</b>										
<b>711020 - Parts and Supplies:</b>		<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>2,900</b>	<b>23,200</b>
	Collection Wellhead Materials -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
	Piping and Fittings -	500	500	500	500	500	500	500	500	4,000
	Valves -	400	400	400	400	400	400	400	400	3,200
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
<b>712010 - Pumps:</b>		<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>56,000</b>
	Submersible Pumps -	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
<b>610020 - Utilities:</b>		<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>32,092</b>	<b>256,736</b>
	Electrical Meter 453372500 -	7,684	7,684	7,684	7,684	7,684	7,684	7,684	7,684	61,472
	Electrical Meter 453370700 -	6,780	6,780	6,780	6,780	6,780	6,780	6,780	6,780	54,240
	Electrical Meter 453289200 -	2,712	2,712	2,712	2,712	2,712	2,712	2,712	2,712	21,696
	Electrical Meter 453287400 -	9,040	9,040	9,040	9,040	9,040	9,040	9,040	9,040	72,320
	Electrical Meter 453287900 -	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	25,312
	Electrical Meter 453777777 -	2,712	2,712	2,712	2,712	2,712	2,712	2,712	2,712	21,696
<b>Sections 34, 35 and 3 Injection Supply System</b>										
<b>711020 - Parts and Supplies:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Collection Wellhead Materials -	0	0	0	0	0	0	0	0	0
	Piping and Fittings -	0	0	0	0	0	0	0	0	0
	Valves -	0	0	0	0	0	0	0	0	0
	Meters -	0	0	0	0	0	0	0	0	0
	Electrical System Parts -	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Submersible Pumps -	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Electrical Meter 453282100 -	0	0	0	0	0	0	0	0	0
	Electrical Meter 453289200 -	0	0	0	0	0	0	0	0	0
	Electrical Meter 453285800 -	0	0	0	0	0	0	0	0	0

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WATER TREATMENT (Cont.)									
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	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Sections 34, 35 and 3 Injection System</b>									
711020 - Parts and Supplies:	0	0	0	0	0	0	0	0	0
Injection Wellhead Materials -	0	0	0	0	0	0	0	0	0
Piping and Fittings -	0	0	0	0	0	0	0	0	0
Valves -	0	0	0	0	0	0	0	0	0
Meters -	0	0	0	0	0	0	0	0	0
Subtotal	47,592	44,592	47,592	44,592	47,592	44,592	47,592	47,592	371,736
<b>Section 33 Center Pivot Irrigation</b>									
<b>Section 33 Center Pivot</b>									
711020 - Parts and Supplies:	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Plumbing and Fittings -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
610020 - Utilities:	1,989	1,989	1,989	1,989	1,989	1,989	1,989	1,989	15,910
Electrical Meter 453267900 -	1,989	1,989	1,989	1,989	1,989	1,989	1,989	1,989	15,910
<b>Section 33 Distribution System</b>									
711020 - Parts and Supplies:	5,600	2,600	5,600	2,600	5,600	2,600	5,600	2,600	32,800
Piping and Fittings -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Valves -	600	600	600	600	600	600	600	600	4,800
Meters -	3,000	0	3,000	0	3,000	0	3,000	0	12,000
<b>Section 33 Irrigation Supply System</b>									
711020 - Parts and Supplies:	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	23,200
Collection Wellhead Materials -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
Piping and Fittings -	500	500	500	500	500	500	500	500	4,000
Valves -	400	400	400	400	400	400	400	400	3,200
Meters -	0	0	0	0	0	0	0	0	0
Electrical System Parts -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
712010 - Pumps:	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
Submersible Pumps -	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	56,000
610020 - Utilities:	26,758	26,758	26,758	26,758	26,758	26,758	26,758	26,758	214,067
Electrical Meter 453168400 -	5,424	5,424	5,424	5,424	5,424	5,424	5,424	5,424	43,392
Electrical Meter 453262600 -	6,328	6,328	6,328	6,328	6,328	6,328	6,328	6,328	50,624
Electrical Meter 453263700 -	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	32,544
Electrical Meter 453265700 -	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	36,160
Electrical Meter 453267700 -	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	17,357
Electrical Meter 453267900 -	1,989	1,989	1,989	1,989	1,989	1,989	1,989	1,989	15,910
Electrical Meter 777777777 -	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	18,080
Subtotal	46,247	43,247	46,247	43,247	46,247	43,247	46,247	43,247	357,978
<b>Section 28 Center Pivot Irrigation</b>									
<b>Section 28 Center Pivot</b>									
711020 - Parts and Supplies:	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Plumbing and Fittings -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Expansion -	0	0	0	0	0	0	0	0	0
610020 - Utilities:	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	25,312
Electrical Meter 453165000 -	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	25,312
<b>Section 28 Distribution System</b>									
711020 - Parts and Supplies:	5,600	2,600	5,600	2,600	5,600	2,600	5,600	2,600	35,800
Piping and Fittings -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
Valves -	600	600	600	600	600	600	600	600	4,800
Meters -	3,000	0	3,000	0	3,000	0	3,000	0	15,000

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>Section 28 Irrigation Supply System</b>										
711020 - Parts and Supplies:		2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	17,600
Collection Wellhead Materials -		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
Piping and Fittings -		500	500	500	500	500	500	500	500	4,000
Valves -		200	200	200	200	200	200	200	200	1,600
Meters -		0	0	0	0	0	0	0	0	0
Electrical System Parts -		500	500	500	500	500	500	500	500	4,000
712010 - Pumps:		3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	28,000
Submersible Pumps -		3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	28,000
610020 - Utilities:		29,380	29,380	29,380	29,380	29,380	29,380	29,380	29,380	235,040
Electrical Meter 453164800 -		6,780	6,780	6,780	6,780	6,780	6,780	6,780	6,780	54,240
Electrical Meter 153164900 -		6,780	6,780	6,780	6,780	6,780	6,780	6,780	6,780	54,240
Electrical Meter 453171200 -		2,712	2,712	2,712	2,712	2,712	2,712	2,712	2,712	21,696
Electrical Meter 453079400 -		2,712	2,712	2,712	2,712	2,712	2,712	2,712	2,712	21,696
Electrical Meter 453171500 -		7,232	7,232	7,232	7,232	7,232	7,232	7,232	7,232	57,856
Electrical Meter 453165000 -		3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	25,312
<b>Section 28 Injection Supply System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
Collection Wellhead Materials -		0	0	0	0	0	0	0	0	0
Piping and Fittings -		0	0	0	0	0	0	0	0	0
Valves -		0	0	0	0	0	0	0	0	0
Meters -		0	0	0	0	0	0	0	0	0
Electrical System Parts -		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
Submersible Pumps -		0	0	0	0	0	0	0	0	0
610020 - Utilities:		181	181	181	181	181	181	181	0	1,266
Electrical Meter 453054002 -		181	181	181	181	181	181	181	0	1,266
<b>Section 28 Injection System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
Injection Wellhead Materials -		0	0	0	0	0	0	0	0	0
Piping and Fittings -		0	0	0	0	0	0	0	0	0
Valves -		0	0	0	0	0	0	0	0	0
Meters -		0	0	0	0	0	0	0	0	0
<b>Subtotal</b>		<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>43,025</b>	<b>46,025</b>	<b>45,844</b>	<b>359,018</b>
<b>Additional Center Pivot Irrigation</b>										
<b>Additional Irrigation Expansion</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
New Center Pivot System -		0	0	0	0	0	0	0	0	0
Plumbing and Fittings -		0	0	0	0	0	0	0	0	0
610020 - Utilities:		0	0	0	0	0	0	0	0	0
Electrical Meter TBD -		0	0	0	0	0	0	0	0	0
<b>Additional Irrigation Distribution System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
Piping and Fittings -		0	0	0	0	0	0	0	0	0
Valves -		0	0	0	0	0	0	0	0	0
Meters -		0	0	0	0	0	0	0	0	0
<b>Additional Irrigation Supply System</b>										
711020 - Parts and Supplies:		0	0	0	0	0	0	0	0	0
Collection Wellhead Materials -		0	0	0	0	0	0	0	0	0
Piping and Fittings -		0	0	0	0	0	0	0	0	0
Valves -		0	0	0	0	0	0	0	0	0
Meters -		0	0	0	0	0	0	0	0	0
Electrical System Parts -		0	0	0	0	0	0	0	0	0
712010 - Pumps:		0	0	0	0	0	0	0	0	0
Submersible Pumps -		0	0	0	0	0	0	0	0	0

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2010 Through Completion

**WATER TREATMENT (Cont.)**  
XXXXXX-810-23-5100

610020 - Utilities:

	2010	2011	2012	2013	2014	2015	2016	2017	Total
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
Total	217,644	208,644	217,644	208,644	217,644	208,644	215,544	212,363	1,706,768
Total Water Treatment	3,010,842	2,987,429	2,923,443	2,769,672	2,566,722	2,532,522	753,500	607,893	18,218,022



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MONITORING/REGULATORY XXXXXX-810-23-5200		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--General--</b>										
718900 - NRC Fees:		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
718025 - Permitting Fees:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
711040 - Consulting Services:		90,000	100,000	70,000	70,000	70,000	90,000	100,000	70,000	660,000
	Annual Report-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	160,000
	CAP-	0	0	0	0	0	0	0	0	0
	ACL-	0	0	0	0	0	0	0	0	0
	Numerical Modeling-	0	0	0	0	0	0	0	0	0
	ALARA Consulting -	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	160,000
	General Consulting -	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
	DOE Reporting -	0	0	0	0	0	0	0	0	0
	DP Renewal -	20,000	0	0	0	0	20,000	0	0	40,000
	EPA Oversight -	20,000	50,000	20,000	20,000	20,000	20,000	50,000	20,000	220,000
	<b>Total</b>	<b>145,000</b>	<b>155,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>145,000</b>	<b>155,000</b>	<b>125,000</b>	<b>1,100,000</b>
<b>--Air / Weather Monitoring--</b>										
714090 - Outside Services:		5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	44,000
711020 - Parts and Supplies:		500	500	500	500	500	500	500	500	4,000
610020 - Utilities:		3,978	3,978	3,978	3,978	3,978	3,978	3,978	3,978	31,821
	Electrical Meter 453184000 -	3,978	3,978	3,978	3,978	3,978	3,978	3,978	3,978	31,821
	<b>Total</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>9,978</b>	<b>79,821</b>
<b>--Radiation Monitoring--</b>										
714090 - Outside Services:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
711020 - Parts and Supplies:		7,913	7,913	7,913	7,913	7,913	7,913	7,913	7,913	63,305
	Bioassay Sample Bottles -	30	30	30	30	30	30	30	30	236
	High Vol Filters -	1,870	1,870	1,870	1,870	1,870	1,870	1,870	1,870	14,957
	High Vol Parts -	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	13,600
	Lab Instrument Parts -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
	TLD Badges -	1,734	1,734	1,734	1,734	1,734	1,734	1,734	1,734	13,872
	Radon Cup -	1,080	1,080	1,080	1,080	1,080	1,080	1,080	1,080	8,640
	Miscellaneous Parts -	500	500	500	500	500	500	500	500	4,000
718030 - Lab Fees:		9,272	9,272	9,272	9,272	9,272	9,272	9,272	9,272	74,176
	Bioassay Samples -	500	500	500	500	500	500	500	500	4,000
	High Vol Samples -	4,992	4,992	4,992	4,992	4,992	4,992	4,992	4,992	39,936
	Radon Cup Analysis -	3,780	3,780	3,780	3,780	3,780	3,780	3,780	3,780	30,240
610020 - Utilities:		2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	23,866
	Electrical Meter 433983700 -	497	497	497	497	497	497	497	497	3,978
	Electrical Meter 453094400 -	497	497	497	497	497	497	497	497	3,978
	Electrical Meter 600986000 -	497	497	497	497	497	497	497	497	3,978
	Electrical Meter 453280400 -	497	497	497	497	497	497	497	497	3,978
	Electrical Meter 600095200 -	497	497	497	497	497	497	497	497	3,978
	Electrical Meter 453191600 -	497	497	497	497	497	497	497	497	3,978
711040 - Radiation Training:		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	24,000
	Annual Radiation Refresher -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Employee Radiation Training -	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
	<b>Total</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>25,168</b>	<b>201,347</b>

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MONITORING/REGULATORY (Cont.) XXXXXX-810-23-5200		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Settlement Monument Monitoring--</b>										
714090 - Outside Services:		9,000	9,000	9,000	0	0	0	0	0	27,000
Surveying -		7,000	7,000	7,000	0	0	0	0	0	21,000
Report Development -		2,000	2,000	2,000	0	0	0	0	0	6,000
Total		9,000	9,000	9,000	0	0	0	0	0	27,000
Total Monitoring/Regulatory		189,146	199,146	169,146	160,146	160,146	180,146	190,146	160,146	1,408,168

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HOLDING XXXXXX-811-23-5300		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>-Land-</b>										
790060 - Land Purchase:		0	0	0	0	0	0	0	0	0
790090 - Land Rental:		0	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:		0	0	0	0	0	0	0	0	0
790010 - Appraisal :		0	0	0	0	0	0	0	0	0
790120 - Land Improvements:		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	48,000
	Fencing -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Water Development -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
	Clean-up -	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
623010 - Property Tax:		25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
790120 - Surveying / Mapping:		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<i>Total Holding</i>		46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	368,000

SECURITY AND MAINTENANCE XXXXXX-811-23-5400		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>-Land and Structures-</b>										
717030 - Surveillance:		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000
<i>Total Security/Maintenance</i>		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000

SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>-Severance and Relocation-</b>										
xxxxxx - Severance and Relocation:		0	0	0	0	0	0	0	0	0
<i>Total Severance/Relocation</i>		0	0	0	0	0	0	0	0	0

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GENERAL AND ADMIN. XXXXXX-811-23-5500		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Salaries and Benefits--</b>										
600000 - Salaries - General: Site Manager		120,520	120,520	120,520	120,520	120,520	120,520	120,520	120,520	964,160
600040 - Benefits: Site Manager		50,188	50,188	50,188	50,188	50,188	50,188	50,188	50,188	401,506
600000 - Salaries - General: Engineering		72,470	72,470	72,470	72,470	72,470	72,470	72,470	72,470	579,760
600040 - Benefits: Engineering		30,179	30,179	30,179	30,179	30,179	30,179	30,179	30,179	241,430
600000 - Salaries - General: Financial		76,260	76,260	76,260	76,260	76,260	76,260	76,260	76,260	610,080
600040 - Benefits: Financial		31,757	31,757	31,757	31,757	31,757	31,757	31,757	31,757	254,056
600001 - Salaries - Groundwater: Admin. Asst.		37,030	37,030	37,030	37,030	37,030	37,030	37,030	37,030	296,240
600040 - Benefits: Admin. Asst.		15,420	15,420	15,420	15,420	15,420	15,420	15,420	15,420	123,363
600001 - Salaries - Groundwater: Senior Tech.		132,980	132,980	132,980	132,980	132,980	132,980	132,980	132,980	1,063,840
600040 - Benefits: Senior Tech.		55,377	55,377	55,377	55,377	55,377	55,377	55,377	55,377	443,016
600001 - Salaries - Groundwater: Technician		114,030	114,030	114,030	114,030	76,020	76,020	38,010	38,010	684,180
600040 - Benefits: Technician		47,486	47,486	47,486	47,486	31,657	31,657	15,829	15,829	284,913
600050 - Temporary Labor:		15,000	15,000	15,000	36,000	15,000	15,000	15,000	36,000	162,000
601060 - Workman's Compensation:		0	0	0	0	0	0	0	0	0
601130 - Memberships:		0	0	0	0	0	0	0	0	0
601140 - Seminars and Training:		0	0	0	0	0	0	0	0	0
603000 - Employee Relations:		0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>798,697</b>	<b>798,697</b>	<b>798,697</b>	<b>819,697</b>	<b>744,858</b>	<b>744,858</b>	<b>691,020</b>	<b>712,020</b>	<b>6,108,544</b>
<b>--General Office Costs--</b>										
622000 - Stationary & Supplies:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
622010 - Kitchen Supplies:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
622040 - Publications & Subscriptions:		0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
622050 - Misc. Computer Hardware:		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	32,000
622070 - Lunch / Dinners:		0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>100,000</b>
<b>--Occupancy Costs--</b>										
610030 - Office - Other:		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>80,000</b>
<b>--Communication Costs--</b>										
620010 - Telecommunications:		12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	96,000
620060 - Postage:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
620070 - Courier Services:		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
620080 - Data Line Access:		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
<b>Total</b>		<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>29,000</b>	<b>232,000</b>
<b>--Data Processing Costs--</b>										
621000 - Equipment Rental / Leases:		9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	72,000
621020 - Computer Software:		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
<b>Total</b>		<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>88,000</b>
<b>--Taxes, Licenses, and Fees--</b>										
623000 - Office - Other:		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
<b>Total</b>		<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>12,000</b>
<b>--Insurance--</b>										
624040 - Insurance:		24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	192,000
<b>Total</b>		<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>192,000</b>

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Estimated Costs Per Year  
2010 Through Completion

GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Travel and Accommodation--</b>										
640000 - Travel - Air:		0	0	0	0	0	0	0	0	0
640020 - Travel - Accommodation:		0	0	0	0	0	0	0	0	0
640030 - Travel - Taxis:		0	0	0	0	0	0	0	0	0
640050 - Travel - Gas:		0	0	0	0	0	0	0	0	0
640060 - Travel - Meals:		0	0	0	0	0	0	0	0	0
<b>Total</b>		0	0	0	0	0	0	0	0	0
<b>--Professional Fees--</b>										
670000 - Legal Fees:		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<b>Total</b>		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<b>--Outside Services--</b>										
714090 - General Outside Services		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
Worker's Comp. Admin.		0	0	0	0	0	0	0	0	0
IT Consulting Services		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Misc.(Grants Clinic)		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
<b>Total</b>		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
<b>Total General/Admin.</b>		916,697	916,697	916,697	937,697	862,858	862,858	809,020	830,020	7,052,544
<b>Grand Total</b>		4,191,685	4,178,272	4,084,286	9,786,046	3,639,726	4,375,526	2,537,955	8,103,712	41,063,208

MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX		2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>--Misc. Income--</b>										
499000 - Misc. Income:		0	0	0	0	0	0	0	0	0
<b>Total Misc. Income.</b>		0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

TAILINGS FACILITY CLOSURE / RECLAMATION XXXXXX-810-23-3600		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
711040 - Consulting:										
Large Tailings Pile Closure -		394,723.36	0	0	0	1	0	0	0	0
Final Closure and Demolition (R.O. Plant, Small Tailings Piles, E. and W. Collection ponds and No. 1, No. 2 and No. 3 Evap. Ponds)		478,105.75	0	0	0	0	0	0	0.33	1.33
Review of Physical Reclamation		30,000.00	0	0	0	0	0	0	0	0
714090 - Outside Services:										
Large Tailings Pile Closure -		5,451,036.14	0	0	0	1	0	0	0	0
Current Reclamation Repairs		25,000.00	1	1	1	0	0	30	0	0
Pond Closure-		1,011,215.84	0	0	0	0	0	0	0.67	2.33
Small Tailings Pile Closure -		3,090,987.52	0	0	0	0	0	0	0	1
R.O. Plant Demolition -		169,917.89	0	0	0	0	0	0	0	1
Radiological Survey and Environmental Monitoring -		45,545.00	0	0	0	0.5	0	0	0	0.5

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

ON-SITE DEMOLITION XXXXXX-810-23-3300		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
711040 - Consulting:										
Engineering Design / QAQC -	33,399.67	0	0	0	0	0	0	0	0	1
714090 - Outside Services:										
Demolition / Cleanup -	146,561.48	0	0	0	0	0	0	0	0	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>--General--</b>										
717050 - Fuel:										
	Diesel -	2.50	2570	2570	2570	2570	2570	2570	2570	2570
	Gas -	2.50	4629	4629	4629	4629	4629	4629	4629	4629
718010 - Freight and Transportation:		5,000.00	1	1	1	1	1	1	1	1
717060 - Equipment Expenses:										
	Crane -	2,000.00	1	1	1	1	1	1	1	1
	Loader -	3,500.00	1	1	1	1	1	1	1	1
	Backhoe -	4,000.00	1	1	1	1	1	1	1	1
	Cat Dozer -	6,610.00	1	1	1	1	1	1	1	1
	Large Forklift -	3,500.00	1	1	1	1	1	1	1	1
	Small Forklift -	2,500.00	1	1	1	1	1	1	1	1
	Compressor -	500.00	1	1	1	1	1	1	1	1
	Onan Small Generator -	500.00	1	1	1	1	1	1	1	1
	New Generator -	500.00	1	1	1	1	1	1	1	1
	HDPE Fusion Machines -	1,500.00	1	1	1	1	1	1	1	1
	Pump Unit -	4,000.00	0	1	0	0	1	0	0	0
	Misc. Equipment Rental -	7,000.00	1	1	1	1	1	1	1	1
	All Other Equipment -	2,000.00	1	1	1	1	1	1	1	1
717075 - Vehicle Expenses:										
	Vehicle Maintenance and Repair	2,000.00	7	7	7	7	7	7	6	5
	Truck Leasing -	12,000.00	3	4	2	1	1	1	0	0
	Support Vehicle Leasing -	12,000.00	1	1	1	1	1	1	1	1
610020 - Utilities:										
	Electrical Meter 453097200 -	0.0904	115000	115000	115000	115000	115000	115000	115000	115000
	Electrical Meter 453283402 -	0.0904	0	0	0	0	0	0	0	0
	Electrical Meter 453283302 -	0.0904	0	0	0	0	0	0	0	0
	Electrical Meter 606480500 -	0.0904	1200	1200	1200	1200	1200	1200	1200	1200
	Natural Gas Meter 0812933 -	1.6612	32000	32000	32000	32000	32000	32000	32000	32000
	Natural Gas Meter 0814134 -	1.6612	0	0	0	0	0	0	0	0
<b>--Tailings Water Management--</b>										
711030 - Water Analysis:										
	A-list	46.00	0	0	0	0	0	0	0	0
	B-list	170.00	30	30	30	0	0	0	0	0
	C-list	28.00	0	0	0	0	0	0	0	0



GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>711030 - Water Analysis (Cont.):</b>										
	D-list	290.00	0	0	0	0	0	0	0	0
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	0	0	0	0	0	0	0	0
	G-list	55.00	13	13	13	0	0	0	0	0
	H-list	77.50	39	39	39	10	10	10	10	0
	I-list	59.50	0	0	0	0	0	0	0	0
	J-list	77.50	0	0	0	0	0	0	0	0
<b>714010 - Driller costs:</b>										
	New Tailings Wells -	3,400.00	0	0	0	0	0	0	0	0
	Tailings Well Development -	400.00	20	20	10	0	0	0	0	0
	5" Tailings Well/Sump Abandonment -	640.00	0	0	0	215	0	0	5	0
	2" Tailings Well Abandonment -	220.00	0	0	0	215	0	0	5	0
	Perched Alluvial Well Abandonment -	350.00	0	0	0	56	0	0	0	0
	U. Chinle Well Development -	700.00	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	9
	M. Chinle Well Development -	700.00	0	0	0	0	0	0	0	0
	M. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	7
<b>610020 - Utilities:</b>										
	Electrical Meter 453180401	0.0904	22793	21105	17728	0	0	0	0	0
	Electrical Meter 453086900	0.0904	0	0	0	0	0	0	0	0
<b>Tailings Collection</b>										
<b>714090 - Outside Services:</b>										
	City Electric -	2,000.00	1	1	1	0	0	0	0	0
	Northwest Geophysical -	7,000.00	1	1	1	0	0	0	0	0
	Surveyor -	5,000.00	0	0	0	0	0	0	0	0
	Pump/motor repair -	8,000.00	1	1	1	0	0	0	0	0
<b>711040 - Consulting Services:</b>										
	Hydrologist/Engineer -	15,000.00	1	1	1	0	0	0	0	0
<b>711020 - Parts and Supplies:</b>										
	Collection Wellhead Materials -	500.00	20	20	10	0	0	0	0	0
	Piping and Fittings -	1,000.00	4	4	2	0	0	0	0	0
	Valves -	200.00	20	20	10	0	0	0	0	0
	Meters -	50.00	20	20	5	0	0	0	0	0
	Electrical System Parts -	500.00	20	20	10	0	0	0	0	0
<b>712010 - Pumps:</b>										
	Submersible Pumps -	500.00	30	30	20	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>Toe Drains and Sumps Collection</b>										
711040 - Consulting Services:										
Hydrologist/Engineer -	5,000.00	1	1	1	0	0	0	0	0	0
714090 - Outside Services:										
Pump/motor repair -	1,000.00	1	1	1	0	0	0	0	0	0
City Electric -	500.00	1	1	1	0	0	0	0	0	0
711020 - Parts and Supplies:										
Sump Collection Materials -	500.00	2	2	2	0	0	0	0	0	0
Piping and Fittings -	100.00	1	1	1	0	0	0	0	0	0
Valves -	200.00	2	2	2	0	0	0	0	0	0
Meters -	50.00	2	2	2	0	0	0	0	0	0
Electrical System Parts -	500.00	2	2	2	0	0	0	0	0	0
712010 - Pumps:										
Submersible Pumps -	310.00	1	1	1	0	0	0	0	0	0
<b>Tailings Flushing System</b>										
711040 - Consulting Services:										
Hydrologist/Engineer -	15,000.00	1	1	0	0	0	0	0	0	0
714090 - Outside Services:										
City Electric -	2,000.00	1	1	0	0	0	0	0	0	0
Pump/motor repair -	1,000.00	1	1	0	0	0	0	0	0	0
<u>Injection System</u>										
711020 - Parts and Supplies:										
Injection Wellhead Materials -	300.00	0	0	0	0	0	0	0	0	0
Piping and Fittings -	1,000.00	0	0	0	0	0	0	0	0	0
Valves -	200.00	0	0	0	0	0	0	0	0	0
Meters -	50.00	0	0	0	0	0	0	0	0	0
<u>Injection Supply System</u>										
711020 - Parts and Supplies:										
Collection Wellhead Materials -	1,000.00	0	0	0	0	0	0	0	0	0
Piping and Fittings -	2,000.00	0	0	0	0	0	0	0	0	0
Valves -	200.00	0	0	0	0	0	0	0	0	0
Meters -	50.00	0	0	0	0	0	0	0	0	0
Electrical System Parts -	1,000.00	0	0	0	0	0	0	0	0	0
712010 - Pumps:										
Submersible Pumps -	2,100.00	0	1	0	0	0	0	0	0	0
610020 - Utilities:										
Electrical Meter 453086700 -	0.0904	85000	85000	0	0	0	0	0	0	0
Electrical Meter 453086800 -	0.0904	85000	85000	0	0	0	0	0	0	0
Electrical Meter 453096100 -	0.0904	85000	85000	0	0	0	0	0	0	0
Electrical Meter 453097500 -	0.0904	45000	45000	0	0	0	0	0	0	0
Electrical Meter 453194300 -	0.0904	85000	85000	0	0	0	0	0	0	0
Electrical Meter 453181501 -	0.0904	45000	45000	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>--Groundwater Management--</b>										
<b>711030 - Water Analysis:</b>										
	A-list	46.00	5	5	5	5	5	5	4	4
	B-list	170.00	68	68	68	68	68	68	40	10
	C-list	28.00	0	0	0	0	0	0	0	0
	D-list	290.00	0	0	0	0	0	0	1	1
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	8	8	8	8	8	8	5	2
	G-list	55.00	22	22	22	22	22	22	20	15
	H-list	77.50	118	118	118	118	118	118	80	60
	I-list	59.50	46	46	46	46	46	46	20	10
	J-list	77.50	83	83	83	83	83	83	50	15
	Column Tests	118.00	0	0	0	0	0	0	0	0
<b>714010 - Driller costs:</b>										
	New Alluvial Wells -	3,100.00	5	5	5	5	0	0	0	0
	Alluvial Well Development -	550.00	5	5	5	5	0	0	0	0
	Alluvial Well Abandonment -	750.00	0	0	0	0	0	0	180	180
	New U. Chinle Wells -	7,300.00	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
	U. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	14
	New M. Chinle Wells -	7,300.00	0	0	0	0	0	0	0	0
	M. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
	M. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	10
	New L. Chinle Wells -	7,300.00	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
	L. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	2
	San Andres Well Abandonment -	3,000.00	0	0	0	0	0	0	0	2
	Drilling Mobilization/Demobilization -	6,000.00	1	1	1	1	1	1	2	3
<b>Groundwater Collection</b>										
<b>714090 - Outside Services:</b>										
	City Electric -	10,000.00	1	1	1	1	1	1	0	0
	Continental Divide -	5,000.00	1	1	1	1	1	1	0	0
	Surveyor -	2,000.00	1	1	1	1	1	1	0	0
	Northwest Geophysical -	2,000.00	1	1	1	1	1	1	0	0
<b>711040 - Consulting Services:</b>										
	Hydrologist/Engineer -	20,000.00	1	1	1	1	1	1	0	0
<b>610020 - Utilities:</b>										
	Electrical Meter 453180401 -	0.0904	272020	272020	272020	272020	243880	243880	0	0
<b>C-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Collection Wellhead Materials -	1,000.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST								
			2010	2011	2012	2013	2014	2015	2016	2017
<u>K-Line</u>	712010 - Pumps:									
	Submersible Pumps -	2,100.00	0	0	0	0	0	0	0	0
	711020 - Parts and Supplies:									
	Collection Wellhead Materials -	1,000.00	1	1	1	1	1	1	0	0
	Piping and Fittings -	500.00	1	1	1	1	1	1	0	0
	Valves -	200.00	1	1	1	1	1	1	0	0
	Meters -	50.00	1	1	1	1	1	1	0	0
	Electrical System Parts -	500.00	1	1	1	1	1	1	0	0
<u>B-Line</u>	712010 - Pumps:									
	Submersible Pumps -	2,100.00	1	1	1	1	1	1	0	0
	610020 - Utilities:									
	Electrical Meter 453183000 -	0.0904	3000	3000	3000	3000	3000	3000	0	0
	711020 - Parts and Supplies:									
	Collection Wellhead Materials -	1,000.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	0	0	0	0	0	0	0	0
<u>D-Line</u>	712010 - Pumps:									
	Submersible Pumps -	2,100.00	0	0	0	0	0	0	0	0
	711020 - Parts and Supplies:									
	Collection Wellhead Materials -	1,000.00	1	1	1	1	0	0	0	0
	Piping and Fittings -	500.00	1	1	1	1	0	0	0	0
	Valves -	200.00	1	1	1	1	0	0	0	0
	Meters -	50.00	1	1	1	1	0	0	0	0
	Electrical System Parts -	500.00	1	1	1	1	0	0	0	0
<u>S-Line</u>	712010 - Pumps:									
	Submersible Pumps -	2,100.00	1	1	1	1	0	0	0	0
	711020 - Parts and Supplies:									
	Collection Wellhead Materials -	1,000.00	1	1	1	1	0	0	0	0
	Piping and Fittings -	500.00	1	1	1	1	0	0	0	0
	Valves -	200.00	1	1	1	1	0	0	0	0
	Meters -	50.00	1	1	1	1	0	0	0	0
	Electrical System Parts -	500.00	1	1	1	1	0	0	0	0
<u>P-Line</u>	712010 - Pumps:									
	Submersible Pumps -	2,100.00	1	1	1	1	0	0	0	0
	610020 - Utilities:									
	Electrical Meter 453088300 -	0.0904	15000	15000	15000	15000	0	0	0	0
	711020 - Parts and Supplies:									
	Collection Wellhead Materials -	1,000.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
712010 - Pumps:										
Submersible Pumps -	2,100.00	0	0	0	0	0	0	0	0	0
610020 - Utilities:										
Electrical Meter 433985700 -	0.0904	3000	3000	3000	3000	3000	3000	3000	3000	3000
<u>T-Line</u>										
711020 - Parts and Supplies:										
Collection Wellhead Materials -	1,000.00	2	2	2	2	2	2	0	0	0
Piping and Fittings -	500.00	1	1	1	1	1	1	0	0	0
Valves -	200.00	2	2	2	2	2	2	0	0	0
Meters -	50.00	2	2	2	2	2	2	0	0	0
Electrical System Parts -	500.00	2	2	2	2	2	2	0	0	0
712010 - Pumps:										
Submersible Pumps -	2,100.00	2	2	2	2	2	2	0	0	0
<u>L-Line</u>										
711020 - Parts and Supplies:										
Collection Wellhead Materials -	1,000.00	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 -	50.00	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 -	2,100.00	0	0	0	0	0	0	0	0	0
610020 - Utilities:										
Electrical Meter 453195100 -	0.0904	0	0	0	0	0	0	0	0	0
<u>521, 522, and 639</u>										
711020 - Parts and Supplies:										
Collection Wellhead Materials -	1,000.00	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 -	50.00	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 -	2,100.00	0	0	0	0	0	0	0	0	0
610020 - Utilities:										
Electrical Meter 453196200 -	0.0904	0	0	0	0	0	0	0	0	0
<u>Groundwater Injection</u>										
714090 - Outside Services:										
Surveyor -	2,000.00	1	1	1	1	1	1	0	0	0
711040 - Consulting Services:										
Hydrologist/Engineer -	20,000.00	1	1	1	1	1	1	0	0	0
<u>Deep Wells</u>										
711020 - Parts and Supplies:										
Collection Wellhead Materials -	1,500.00	1	1	1	1	1	1	1	1	1
Piping and Fittings -	500.00	1	1	1	1	1	1	1	1	1
Valves -	450.00	1	1	1	1	1	1	1	1	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>711020 - Parts and Supplies (Cont.):</b>										
	Meters -	2,000.00	1	1	1	1	1	1	1	1
	Electrical System Parts -	1,000.00	1	1	1	1	1	1	1	1
<b>712010 - Pumps:</b>										
	Submersible Pumps -	5,000.00	1	1	1	1	1	1	1	1
<b>610020 - Utilities:</b>										
	Electrical Meter 453180401 -	0.0904	281400	281400	93800	93800	93800	93800	93800	93800
	Electrical Meter 453190200 -	0.0904	10000	10000	10000	10000	10000	10000	10000	10000
<b>WR-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
<b>M-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
<b>B-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	2	2	2	2	0	0	0	0
	Piping and Fittings -	500.00	2	2	2	2	0	0	0	0
	Valves -	200.00	2	2	2	2	0	0	0	0
	Meters -	50.00	2	2	2	2	0	0	0	0
<b>C-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	2	2	2	1	0	0	0	0
	Piping and Fittings -	500.00	1	1	1	1	0	0	0	0
	Valves -	200.00	2	2	2	1	0	0	0	0
	Meters -	50.00	2	2	2	1	0	0	0	0
<b>K-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
<b>J-Line</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<u>X-Line</u>										
711020 - Parts and Supplies:										
Injection Wellhead Materials -	350.00	2	2	2	2	0	0	0	0	0
Piping and Fittings -	500.00	1	1	1	1	0	0	0	0	0
Valves -	200.00	2	2	2	2	0	0	0	0	0
Meters -	50.00	2	2	2	2	0	0	0	0	0
<u>G-Line</u>										
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 -	50.00	0	0	0	0	0	0	0	0	0
<u>D-Line</u>										
711020 - Parts and Supplies:										
Injection Wellhead Materials -	350.00	2	2	2	2	2	2	0	0	0
Piping and Fittings -	500.00	1	1	1	1	1	1	0	0	0
Valves -	200.00	2	2	2	2	2	2	0	0	0
Meters -	50.00	2	2	2	2	2	2	0	0	0
<u>T-Line</u>										
711020 - Parts and Supplies:										
Injection Wellhead Materials -	350.00	3	3	3	3	3	1	0	0	0
Piping and Fittings -	500.00	1	1	1	1	1	1	0	0	0
Valves -	200.00	3	3	3	3	3	1	0	0	0
Meters -	50.00	3	3	3	3	3	1	0	0	0
<u>S-Line</u>										
711020 - Parts and Supplies:										
Injection Wellhead Materials -	350.00	2	2	2	2	1	1	0	0	0
Piping and Fittings -	500.00	1	1	1	1	1	1	0	0	0
Valves -	200.00	2	2	2	2	1	1	0	0	0
Meters -	50.00	2	2	2	2	1	1	0	0	0
<u>Upper Chinle</u>										
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 -	50.00	0	0	0	0	0	0	0	0	0
<u>Middle Chinle</u>										
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 -	50.00	0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>R.O. Plant Operations</b>										
<b>714090 - Outside Services:</b>										
	City Electric -	8,000.00	1	1	1	1	1	1	0	0
	Pump/motor repair -	10,000.00	1	1	1	1	1	1	0	0
	R.O. Plant Refurbishment	1,000,000.00	0	0	0	0	0	0	0	0
	R.O. Plant Upgrades	5,000.00	0	0	0	0	0	0	0	0
	Miscellaneous R.O. Plant Equipment	1,000.00	0	0	0	0	0	0	0	0
<b>711040 - Consulting Services:</b>										
	Hydrologist/Engineer -	10,000.00	1	1	1	1	1	1	0	0
	R.O. Engineer -	5,000.00	1	1	1	1	1	1	0	0
	Electronics -	10,000.00	1	1	1	1	1	1	0	0
<b>610020 - Utilities:</b>										
	Electrical Meter <b>453180503</b> -	0.0904	2307600	2307600	2307600	2307600	2307600	2307600	10000	10000
	Natural Gas Meter <b>0807957</b> -	1.6612	5700	5700	5700	5700	5700	5700	5700	5700
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	1,000.00	1	1	1	1	1	1	0	0
	Valves -	4,000.00	1	1	1	1	1	1	0	0
	Meters -	4,000.00	1	1	1	1	1	1	0	0
	Computer -	5,000.00	1	1	1	1	1	1	0	0
	Equipment Maintenance/Upgrade -	10,000.00	0	0	0	0	0	0	0	0
	Instruments -	15,000.00	1	1	1	1	1	1	0	0
	Filters -	10.50	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00	0.00	0.00
	Membranes (LPRO) -	1,070.00	288.00	288.00	288.00	288.00	288.00	288.00	0.00	0.00
	Membranes (HPRO) -	1,130.00	88.00	88.00	88.00	88.00	88.00	88.00	0.00	0.00
	Sand Filter Media -	8,000.00	1	1	1	1	1	1	0	0
	Air Diffusers -	2,000.00	1	1	1	1	1	1	0	0
	Caustic Soda -	0.46	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0
	Sulfuric Acid -	0.29	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0
	Anti-Scalant -	700.00	16.00	16.00	16.00	16.00	16.00	16.00	0.00	0.00
	Lime (Bulk) -	0.11	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0
	Muriatic Acid -	6.64	310.00	310.00	310.00	310.00	310.00	310.00	0.00	0.00
	Membrane Cleaner -	1,833.00	8.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00
	Building / Facility -	2,000.00	1	1	1	1	1	1	0	0
	Heating / AC -	2,000.00	1	1	1	1	1	1	0	0
	Electrical -	2,000.00	1	1	1	1	1	1	0	0
<b>712010 - Pumps:</b>										
	Pumps/Starters -	20,000.00	1	1	1	1	1	1	0	0
<b>711030 - Water Analysis:</b>										
	A-list	46.00	0	0	0	0	0	0	0	0
	B-list	170.00	6	6	6	6	6	6	0	0
	C-list	28.00	0	0	0	0	0	0	0	0
	D-list	290.00	0	0	0	0	0	0	0	0
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	0	0	0	0	0	0	0	0
	G-list	55.00	28	28	28	28	28	28	0	0
	H-list	77.50	0	0	0	0	0	0	0	0
	I-list	59.50	0	0	0	0	0	0	0	0
	J-list	77.50	0	0	0	0	0	0	0	0



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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>In-Situ Biotesting &amp; Remediation</b>										
714090 - Outside Services:										
	City Electric -	1,000.00	0	0	0	0	0	0	0	0
711040 - Consulting Services:										
	Hydrologist/Engineer -	15,000.00	0	0	0	0	0	0	0	0
	Bio-Engineer -	50,000.00	0	0	0	0	0	0	0	0
711020 - Parts and Supplies:										
	Piping and Fittings -	1,000.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
	Instruments -	1,000.00	0	0	0	0	0	0	0	0
	Data Control Equipment -	12,000.00	0	0	0	0	0	0	0	0
	Phosphorous Source -	1.00	0	0	0	0	0	0	0	0
	Carbon Source -	0.00300	0	0	0	0	0	0	0	0
712010 - Pumps:										
	Pumps -	2,100.00	0	0	0	0	0	0	0	0
711030 - Water Analysis:										
	A-list	46.00	0	0	0	0	0	0	0	0
	B-list	170.00	0	0	0	0	0	0	0	0
	C-list	28.00	0	0	0	0	0	0	0	0
	D-list	290.00	0	0	0	0	0	0	0	0
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	0	0	0	0	0	0	0	0
	G-list	55.00	0	0	0	0	0	0	0	0
	H-list	77.50	0	0	0	0	0	0	0	0
	I-list	59.50	0	0	0	0	0	0	0	0
	J-list	77.50	0	0	0	0	0	0	0	0
<b>--Evaporation System Management--</b>										
714090 - Outside Services:										
	City Electric -	2,000.00	1	1	1	1	1	1	1	1
	Pump/motor Repair -	5,000.00	2	1	2	1	1	2	1	1
	Liner Repair -	20,000.00	1	1	1	1	1	1	1	0
	Pond 3 Construction	2,238,667.28	0	0	0	0	0	0	0	0
711040 - Consulting Services:										
	Hydrologist/Engineer -	10,000.00	1	1	1	1	1	1	1	1
	Odor Control -	20,000.00	1	0	0	0	1	0	0	0
711030 - Water Analysis:										
	A-list	46.00	0	0	0	0	0	0	0	0
	B-list	170.00	6	6	6	6	6	6	3	0
	C-list	28.00	0	0	0	0	0	0	0	0
	D-list	290.00	0	0	0	0	0	0	0	0
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	6	6	6	6	6	6	3	0
	G-list	55.00	0	0	0	0	0	0	0	0
	H-list	77.50	17	17	17	17	17	17	8	0
	I-list	59.50	0	0	0	0	0	0	0	0
	J-list	77.50	0	0	0	0	0	0	0	0

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Scenario F Closure Cost Estimate  
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2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>610020 - Utilities:</b>										
	Electrical Meter 453180401 -	0.0904	3087389.5	3087389.5	3087389.5	1407000	1407000	1407000	938000	0
<b>East Collection Pond</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	2,000.00	1	1	1	1	1	1	1	0
	Valves -	1,000.00	1	1	1	1	1	1	1	0
	Meters -	2,000.00	1	1	1	1	1	1	1	0
<b>West Collection Pond</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	2,000.00	1	1	1	1	1	1	1	0
	Sludge Transfer Materials -	45,000.00	0	0	1	0	0	0	0	0
	Valves -	1,000.00	1	1	1	1	1	1	1	0
	Meters -	2,000.00	1	1	1	1	1	1	1	0
<b>No. 1 Evaporation Pond</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	2,000.00	1	1	1	0	0	0	0	0
	General Spray Nozzles -	68.00	200	200	200	0	0	0	0	0
	Valves -	1,000.00	1	1	1	0	0	0	0	0
	Meters -	2,000.00	1	1	1	0	0	0	0	0
	Copper Sulfate -	2.49	6000	6000	6000	0	0	0	0	0
	Nozzle for Turbo-Mist Unit -	32.15	60	60	60	0	0	0	0	0
<b>712010 - Pumps:</b>										
	Turbo-Mist Unit -	50,000.00	0	0	0	0	0	0	0	0
	Centrifugal Pumps -	5,000.00	2	2	2	0	0	0	0	0
	Centrifugal Pump Parts -	2,000.00	1	1	1	0	0	0	0	0
	Pump and Motor Repair for Turbo-Mist Unit -	3,000.00	1	1	1	0	0	0	0	0
<b>No. 2 and No. 3 Evaporation Pond</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings (Pond 2)-	2,000.00	2	1	2	1	2	1	1	0
	Spray Nozzles (Pond 2)-	68.00	20	20	20	20	20	20	20	0
	Valves (Pond 2)-	1,000.00	2	1	2	1	2	1	1	0
	Meters (Pond 2)-	2,000.00	2	1	2	1	2	1	1	0
	Copper Sulfate (Pond 2)-	2.49	12000	12000	12000	12000	12000	12000	12000	0
	Piping and Fittings (Pond 3)-	2,000.00	2	1	2	1	2	1	1	0
	Spray Nozzles (Pond 3)-	68.00	40	20	20	20	20	20	20	0
	Valves (Pond 3)-	1,000.00	2	1	1	1	1	1	1	0
	Meters (Pond 3)-	2,000.00	1	1	1	1	1	1	1	0
	Copper Sulfate (Pond3)-	2.49	5000	5000	5000	5000	5000	5000	5000	0
<b>712010 - Pumps:</b>										
	Centrifugal Pumps (Pond 2)-	5,000.00	3	3	3	3	3	3	1	0
	Centrifugal Pump Parts(Pond 2)-	2,000.00	1	2	1	2	1	2	1	0
	Centrifugal Pumps (Pond 3)-	5,000.00	1	1	1	1	1	1	1	0
	Centrifugal Pump Parts(Pond 3)-	2,000.00	1	1	1	1	1	1	1	0
<b>--Irrigation System Management--</b>										
<b>714090 - Outside Services:</b>										
	City Electric -	2,000.00	1	1	1	1	1	1	1	1
	Continental Divide -	5,000.00	1	1	1	1	1	1	1	1

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WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>714090 - Outside Services (Cont.):</b>										
	Surveying -	2,000.00	0	0	0	0	0	0	0	0
	Field Prep & Planting -	5,000.00	0	0	0	0	0	0	0	0
	Pump/motor Repair -	2,000.00	1	1	1	1	1	1	1	1
<b>711040 - Consulting Services:</b>										
	Hydrologist/Engineer-	15,000.00	1	1	1	1	1	1	1	1
	Other -	5,000.00	1	1	1	1	1	1	1	1
<b>711020 - Parts and Supplies:</b>										
	Agricultural Equipment Maintenance -	10,000.00	1	1	1	1	1	1	1	1
	Agricultural Equipment Fuel -	2.50	1500	1500	1500	1500	1500	1500	1500	1500
	Lubricants -	1,000.00	1	1	1	1	1	1	1	1
	Alfalfa -	2.55	0	0	0	0	0	0	0	0
	Cereal Grains -	0.90	0	0	0	0	0	0	0	0
	Fertilizer -	0.15	0	0	0	0	0	0	0	0
	Fencing -	2,000.00	1	1	1	1	1	1	1	1
<b>718070 - Vegetation Analysis:</b>		40.50	160	160	160	160	160	160	160	160
<b>718030 - Soil Analysis:</b>		293.40	24	24	24	24	24	24	24	24
<b>711030 - Water Analysis:</b>										
	A-list	46.00	0	0	0	0	0	0	0	0
	B-list	170.00	13	13	13	13	13	13	13	13
	C-list	28.00	0	0	0	0	0	0	0	0
	D-list	290.00	0	0	0	0	0	0	0	0
	E-list	46.00	0	0	0	0	0	0	0	0
	F-list	138.00	5	5	5	5	5	5	5	5
	G-list	55.00	14	14	14	14	14	14	14	14
	H-list	77.50	49	49	49	49	49	49	49	49
	I-list	59.50	29	29	29	29	29	29	29	29
	J-List	77.50	46	46	46	46	46	46	46	46
<b>714010 - Driller costs:</b>										
	New Alluvial Wells -	3,100.00	1	1	1	1	1	1	1	1
	Alluvial Well Development -	550.00	1	1	1	1	1	1	1	1
	Alluvial Well Abandonment -	750.00	0	0	0	0	0	0	0	0
	U. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	0
	U. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
	M. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	0
	M. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
	L. Chinle Well Abandonment -	1,300.00	0	0	0	0	0	0	0	0
	L. Chinle Well Development -	700.00	1	1	1	1	1	1	0	0
<b>Section 34 Flood Irrigation</b>										
<b>Section 34 Distribution System</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	2,000.00	1	1	1	1	1	1	1	1
	Valves -	600.00	1	1	1	1	1	1	1	1
	Meters -	3,000.00	1	0	1	0	1	0	1	1
<b>Section 34 Irrigation Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
	Collection Wellhead Materials -	1,000.00	1	1	1	1	1	1	1	1
	Piping and Fittings -	500.00	1	1	1	1	1	1	1	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>Section 34 Irrigation Supply System (Cont.)</b>										
	Valves -	200.00	2	2	2	2	2	2	2	2
	Meters -	500.00	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	2	2	2	2	2	2	2	2
<b>712010 - Pumps:</b>										
	Submersible Pumps -	3,500.00	2	2	2	2	2	2	2	2
<b>610020 - Utilities:</b>										
	Electrical Meter 453372500 -	0.0904	85000	85000	85000	85000	85000	85000	85000	85000
	Electrical Meter 453370700 -	0.0904	75000	75000	75000	75000	75000	75000	75000	75000
	Electrical Meter 453289200 -	0.0904	30000	30000	30000	30000	30000	30000	30000	30000
	Electrical Meter 453287400 -	0.0904	100000	100000	100000	100000	100000	100000	100000	100000
	Electrical Meter 453287900 -	0.0904	35000	35000	35000	35000	35000	35000	35000	35000
	Electrical Meter 453?????? -	0.0904	30000	30000	30000	30000	30000	30000	30000	30000
<b>Sections 34, 35, and 3 Injection Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
	Collection Wellhead Materials -	1,000.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
	Electrical System Parts -	500.00	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>										
	Submersible Pumps -	2,100.00	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>										
	Electrical Meter 453282100 -	0.0904	0	0	0	0	0	0	0	0
	Electrical Meter 453289200 -	0.0904	0	0	0	0	0	0	0	0
	Electrical Meter 453285800 -	0.0904	0	0	0	0	0	0	0	0
<b>Sections 34, 35, and 3 Injection System</b>										
<b>711020 - Parts and Supplies:</b>										
	Injection Wellhead Materials -	350.00	0	0	0	0	0	0	0	0
	Piping and Fittings -	500.00	0	0	0	0	0	0	0	0
	Valves -	200.00	0	0	0	0	0	0	0	0
	Meters -	50.00	0	0	0	0	0	0	0	0
<b>Section 33 Center Pivot Irrigation</b>										
<b>Section 33 Center Pivot</b>										
<b>711020 - Parts and Supplies:</b>										
	Plumbing and Fittings -	2,000.00	1	1	1	1	1	1	1	1
<b>610020 - Utilities:</b>										
	Electrical Meter 453267900 -	0.0904	22000	22000	22000	22000	22000	22000	22000	22000
<b>Section 33 Distribution System</b>										
<b>711020 - Parts and Supplies:</b>										
	Piping and Fittings -	2,000.00	1	1	1	1	1	1	1	1
	Valves -	600.00	1	1	1	1	1	1	1	1
	Meters -	3,000.00	1	0	1	0	1	0	1	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>Section 33 Irrigation Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
Collection Wellhead Materials -	1,000.00	1	1	1	1	1	1	1	1	1
Piping and Fittings -	500.00	1	1	1	1	1	1	1	1	1
Valves -	200.00	2	2	2	2	2	2	2	2	2
Meters -	500.00	0	0	0	0	0	0	0	0	0
Electrical System Parts -	500.00	2	2	2	2	2	2	2	2	2
<b>712010 - Pumps:</b>										
Submersible Pumps -	3,500.00	2	2	2	2	2	2	2	2	2
<b>610020 - Utilities:</b>										
Electrical Meter 453168400 -	0.0904	60000	60000	60000	60000	60000	60000	60000	60000	60000
Electrical Meter 453262600 -	0.0904	70000	70000	70000	70000	70000	70000	70000	70000	70000
Electrical Meter 453263700 -	0.0904	45000	45000	45000	45000	45000	45000	45000	45000	45000
Electrical Meter 453265700 -	0.0904	50000	50000	50000	50000	50000	50000	50000	50000	50000
Electrical Meter 453267700 -	0.0904	24000	24000	24000	24000	24000	24000	24000	24000	24000
Electrical Meter 453267900 -	0.0904	22000	22000	22000	22000	22000	22000	22000	22000	22000
Electrical Meter ????????? -	0.0904	25000	25000	25000	25000	25000	25000	25000	25000	25000
<b>Section 28 Center Pivot Irrigation</b>										
<b>Section 28 Center Pivot</b>										
<b>711020 - Parts and Supplies:</b>										
Plumbing and Fittings -	2,000.00	1	1	1	1	1	1	1	1	1
Expansion -	15,000.00	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>										
Electrical Meter 453165000 -	0.0904	35000	35000	35000	35000	35000	35000	35000	35000	35000
<b>Section 28 Distribution System</b>										
<b>711020 - Parts and Supplies:</b>										
Piping and Fittings -	2,000.00	1	1	1	1	1	1	1	1	1
Valves -	600.00	1	1	1	1	1	1	1	1	1
Meters -	3,000.00	1	0	1	0	1	0	1	1	1
<b>Section 28 Irrigation Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
Collection Wellhead Materials -	1,000.00	1	1	1	1	1	1	1	1	1
Piping and Fittings -	500.00	1	1	1	1	1	1	1	1	1
Valves -	200.00	1	1	1	1	1	1	1	1	1
Meters -	500.00	0	0	0	0	0	0	0	0	0
Electrical System Parts -	500.00	1	1	1	1	1	1	1	1	1
<b>712010 - Pumps:</b>										
Submersible Pumps -	3,500.00	1	1	1	1	1	1	1	1	1
<b>610020 - Utilities:</b>										
Electrical Meter 453164800 -	0.0904	75000	75000	75000	75000	75000	75000	75000	75000	75000
Electrical Meter 453164900 -	0.0904	75000	75000	75000	75000	75000	75000	75000	75000	75000
Electrical Meter 453171200 -	0.0904	30000	30000	30000	30000	30000	30000	30000	30000	30000
Electrical Meter 453079400 -	0.0904	30000	30000	30000	30000	30000	30000	30000	30000	30000
Electrical Meter 453171500 -	0.0904	80000	80000	80000	80000	80000	80000	80000	80000	80000
Electrical Meter 453165000 -	0.0904	35000	35000	35000	35000	35000	35000	35000	35000	35000

GRANTS PROJECT  
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Unit Costs/Quantities  
2010 Through Completion

WATER TREATMENT (Cont.) XXXXXX-810-23-5100		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>Section 28 Injection Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
Collection Wellhead Materials -	1,500.00	0	0	0	0	0	0	0	0	0
Piping and Fittings -	500.00	0	0	0	0	0	0	0	0	0
Valves -	450.00	0	0	0	0	0	0	0	0	0
Meters -	2,000.00	0	0	0	0	0	0	0	0	0
Electrical System Parts -	500.00	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>										
Submersible Pumps -	5,000.00	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>										
Electrical Meter 453054002 -	0.0904	2000	2000	2000	2000	2000	2000	2000	2000	0
<b>Section 28 Injection System</b>										
<b>711020 - Parts and Supplies:</b>										
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 -	50.00	0	0	0	0	0	0	0	0	0
<b>Additional Center Pivot Irrigation</b>										
<b>Additional Irrigation Expansion</b>										
<b>711020 - Parts and Supplies:</b>										
New Center Pivot System -	45,000.00	0	0	0	0	0	0	0	0	0
Plumbing and Fittings -	2,000.00	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>										
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
<b>Additional Irrigation Distribution System</b>										
<b>711020 - Parts and Supplies:</b>										
Piping and Fittings -	2,000.00	0	0	0	0	0	0	0	0	0
Valves -	600.00	0	0	0	0	0	0	0	0	0
Meters -	3,000.00	0	0	0	0	0	0	0	0	0
<b>Additional Irrigation Supply System</b>										
<b>711020 - Parts and Supplies:</b>										
Collection Wellhead Materials -	1,000.00	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 -	500.00	0	0	0	0	0	0	0	0	0
Electrical System Parts -	500.00	0	0	0	0	0	0	0	0	0
<b>712010 - Pumps:</b>										
Submersible Pumps -	3,500.00	0	0	0	0	0	0	0	0	0
<b>610020 - Utilities:</b>										
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0
Electrical Meter TBD -	0.0904	0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

MONITORING/REGULATORY XXXXXX-810-23-5200		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>--General--</b>										
718900 - NRC Fees:		50,000.00	1	1	1	1	1	1	1	1
718025 - Permitting Fees:		5,000.00	1	1	1	1	1	1	1	1
711040 - Consulting Services:										
Hydrologist/Engineer -										
Annual Report-		20,000.00	1	1	1	1	1	1	1	1
CAP-		20,000.00	0	0	0	0	0	0	0	0
ACL-		40,000.00	0	0	0	0	0	0	0	0
Numerical Modeling-		40,000.00	0	0	0	0	0	0	0	0
ALARA Consulting -		20,000.00	1	1	1	1	1	1	1	1
General Consulting -		10,000.00	1	1	1	1	1	1	1	1
DOE Reporting -		50,000.00	0	0	0	0	0	0	0	0
DP Renewal -		20,000.00	1	0	0	0	0	1	0	0
EPA Oversight -		20,000.00	1	2.5	1	1	1	1	2.5	1
<b>--Air / Weather Monitoring--</b>										
714090 - Outside Services:		5,500.00	1	1	1	1	1	1	1	1
711020 - Parts and Supplies:		500.00	1	1	1	1	1	1	1	1
610020 - Utilities:										
Electrical Meter 453181900 -		0.0904	44000	44000	44000	44000	44000	44000	44000	44000
<b>--Radiation Monitoring--</b>										
714090 - Outside Services:		2,000.00	1	1	1	1	1	1	1	1
711020 - Parts and Supplies:										
Bioassay Sample Bottles -		0.59	50	50	50	50	50	50	50	50
High Vol Filters -		373.93	5	5	5	5	5	5	5	5
High Vol Parts -		1,700.00	1	1	1	1	1	1	1	1
Lab Instrument Parts -		1,000.00	1	1	1	1	1	1	1	1
OSL Badges -		17.34	100	100	100	100	100	100	100	100
Radon Cups -		20.00	54	54	54	54	54	54	54	54
Miscellaneous Parts -		500.00	1	1	1	1	1	1	1	1
718030 - Lab Fees:										
Bioassay Samples -		25.00	20	20	20	20	20	20	20	20
High Vol Samples -		156.00	32	32	32	32	32	32	32	32
Radon Cup Analysis -		70.00	54	54	54	54	54	54	54	54
610020 - Utilities:										
Electrical Meter 433983700 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
Electrical Meter 453094400 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
Electrical Meter 600986000 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
Electrical Meter 453280400 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
Electrical Meter 600095200 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
Electrical Meter 453191600 -		0.0904	5500	5500	5500	5500	5500	5500	5500	5500
711040 - Radiation Training:										
Annual Radiation Refresher -		2,000.00	1	1	1	1	1	1	1	1
Employee Radiation Training -		1,000.00	1	1	1	1	1	1	1	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

MONITORING/REGULATORY (Cont.) XXXXXX-810-23-5200		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
--Settlement Monument Monitoring--										
714090 - Outside Services:										
	Surveying -	7,000.00	1	1	1	0	0	0	0	0
	Report Development -	2,000.00	1	1	1	0	0	0	0	0



GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

HOLDING XXXXXX-811-23-5300		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
--Land--										
790060 - Land Purchase:		0.00	0	0	0	0	0	0	0	0
790090 - Land Rental:		0.00	0	0	0	0	0	0	0	0
790110 - Title Commitment Policy:		0.00	0	0	0	0	0	0	0	0
790010 - Appraisal :		0.00	0	0	0	0	0	0	0	0
790120 - Land Improvements:										
	Fencing -	2,000.00	1	1	1	1	1	1	1	1
	Water Development -	2,000.00	1	1	1	1	1	1	1	1
	Clean-up -	2,000.00	1	1	1	1	1	1	1	1
623010 - Property Tax:		25,000.00	1	1	1	1	1	1	1	1
790120 - Surveying / Mapping:		15,000.00	1	1	1	1	1	1	1	1

GRANTS PROJECT  
 Scenario F Closure Cost Estimate  
 Unit Costs/Quantities  
 2010 Through Completion

SECURITY AND MAINTENANCE XXXXXX-811-23-5400	UNIT COST								
		2010	2011	2012	2013	2014	2015	2016	2017
--Land and Structures--									
717030 - Surveillance:	4,000.00	1	1	1	1	1	1	1	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

SEVERANCE AND RELOCATION XXXXXX-XXX-XX-XXXX	UNIT COST								
		2010	2011	2012	2013	2014	2015	2016	2017
--Severance and Relocation--									
xxxxxx - Severance and Relocation:	0.00	0	0	0	0	1	0	2	6

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
Unit Costs/Quantities  
2010 Through Completion

GENERAL AND ADMIN. XXXXXX-811-23-5500		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
<b>--Salaries and Benefits--</b>										
600000 - General Salaries - Site Manager	120,520.00	1	1	1	1	1	1	1	1	1
600040 - Benefits - Site Manager	50,188.22	1	1	1	1	1	1	1	1	1
600000 - General Salaries - Engineering	72,470.00	1	1	1	1	1	1	1	1	1
600040 - Benefits - Engineering	30,178.73	1	1	1	1	1	1	1	1	1
600000 - General Salaries - Financial	76,260.00	1	1	1	1	1	1	1	1	1
600040 - Benefits - Financial	31,757.00	1	1	1	1	1	1	1	1	1
600001 - GW Salaries - Admin. Asst.	37,030.00	1	1	1	1	1	1	1	1	1
600040 - Benefits - Admin. Asst.	15,420.42	1	1	1	1	1	1	1	1	1
600001 - GW Salaries - Senior Tech.	66,490.00	2	2	2	2	2	2	2	2	2
600040 - Benefits - Senior Tech	27,688.47	2	2	2	2	2	2	2	2	2
600001 - GW Salaries - Technicians	38,010.00	3	3	3	3	2	2	2	1	1
600040 - Benefits - Technicians	15,828.53	3	3	3	3	2	2	2	1	1
600050 - Temporary Labor:	15,000.00	1	1	1	2.4	1	1	1	1	2.4
601060 - Workman's Compensation:	60,000.00	0	0	0	0	0	0	0	0	0
601130 - Memberships:	16,400.00	0	0	0	0	0	0	0	0	0
601140 - Seminars and Training:	2,500.00	0	0	0	0	0	0	0	0	0
603000 - Employee Relations:	1,000.00	0	0	0	0	0	0	0	0	0
<b>--General Office Costs--</b>										
622000 - Stationary & Supplies:	5,000.00	1	1	1	1	1	1	1	1	1
622010 - Kitchen Supplies:	2,000.00	1	1	1	1	1	1	1	1	1
622040 - Publications & Subscriptions:	250.00	0	0	0	0	0	0	0	0	0
622050 - Miscellaneous:	1,500.00	1	1	1	1	1	1	1	1	1
622050 - Misc. Computer Hardware:	4,000.00	1	1	1	1	1	1	1	1	1
622070 - Lunch / Dinners:	500.00	0	0	0	0	0	0	0	0	0
<b>--Occupancy Costs--</b>										
610030 - Office - Other:	10,000.00	1	1	1	1	1	1	1	1	1
<b>--Communication Costs--</b>										
620010 - Telecommunications:	12,000.00	1	1	1	1	1	1	1	1	1
620060 - Postage:	2,000.00	1	1	1	1	1	1	1	1	1
620070 - Courier Services:	10,000.00	1	1	1	1	1	1	1	1	1
620080 - Data Line Access:	5,000.00	1	1	1	1	1	1	1	1	1
<b>--Data Processing Costs--</b>										
621000 - Equipment Rental / Leases:	9,000.00	1	1	1	1	1	1	1	1	1
621020 - Computer Software:	2,000.00	1	1	1	1	1	1	1	1	1
<b>--Taxes, Licenses, and Fees--</b>										
623000 - Office - Other:	1,500.00	1	1	1	1	1	1	1	1	1
<b>--Insurance--</b>										
624040 - Insurance:	24,000.00	1	1	1	1	1	1	1	1	1

GRANTS PROJECT  
Scenario F Closure Cost Estimate  
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GENERAL AND ADMIN. (Cont.) XXXXXX-811-23-5500		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
--Travel and Accommodation--										
640000 - Travel - Air:	5,000.00	0	0	0	0	0	0	0	0	0
640020 - Travel - Accommodation:	1,000.00	0	0	0	0	0	0	0	0	0
640030 - Travel - Taxis:	100.00	0	0	0	0	0	0	0	0	0
640050 - Travel - Gas:	4,800.00	0	0	0	0	0	0	0	0	0
640060 - Travel - Meals:	1,000.00	0	0	0	0	0	0	0	0	0
--Professional Fees--										
670000 - Legal Fees:	15,000.00	1	1	1	1	1	1	1	1	1
--Outside Services--										
714090 - Worker's Comp. Admin:	8,000.00	0	0	0	0	0	0	0	0	0
IT Consulting Services	10,000.00	1	1	1	1	1	1	1	1	1
Misc.(Grants Clinic)	5,000.00	1	1	1	1	1	1	1	1	1
MISCELLANEOUS INCOME XXXXXX-XXX-XX-XXXX		UNIT COST	2010	2011	2012	2013	2014	2015	2016	2017
--Misc. Income--										
499000 - Misc. Income:	-25,000.00	0	0	0	0	0	0	0	0	0

GRANTS PROJECT  
Unit Costs

	A	B	C	D	E	F
1	UNIT COSTS					
2						
3						
4						
5	--Fuel--					
6						
7		unit cost	units			
8	Diesel	2.50	\$/gal			
9	Gasoline	2.50	\$/gal			
10						
11						
12	--Water Analysis--					
13						
14	Analytical Constituent Lists	unit cost	units			
15	A-LIST	46	\$/sample			
16	B-LIST	170	\$/sample			
17	C-LIST	28	\$/sample			
18	D-LIST	290	\$/sample			
19	E-LIST	46	\$/sample			
20	F-LIST	138	\$/sample			
21	G-LIST	55	\$/sample			
22	H-LIST	77.5	\$/sample			
23	I-LIST	59.5	\$/sample			
24	COLUMN TESTS	118	\$/sample			
25	J-LIST	77.5	\$/sample			
26						
27	--Vegetation Analysis--					
28						
29		unit cost	units			
30		40.50	\$/sample			
31						
32						
33	--Soil Analysis--					
34						
35		unit cost	units			
36		293.40	\$/sample			
37						
38						
39	--Utilities--					
40						
41		unit cost	units			
42	Electric	0.0904	\$/KWH			
43	Natural Gas	1.661	\$/CCF			
44						
45						
46	--Driller Costs--					
47						
48		unit cost	units			
49	New Tailings Well	3,400.00	\$/well			
50	New Alluvial Well	3,100.00	\$/well			

(6) Unit Costs

Page 1 of 12

Revised: 3/25/2009; Printed: 3/30/2009

GRANTS PROJECT  
Unit Costs

	A	B	C	D	E	F
51	New U. Chinle Well	7,300.00	\$/well			
52	New M. Chinle Well	7,300.00	\$/well			
53	New L. Chinle Well	7,300.00	\$/well			
54	Develop Tailings Well	400.00	\$/well			
55	Develop Alluvial Well	550.00	\$/well			
56	Develop U. Chinle Well	700.00	\$/well			
57	Develop M. Chinle Well	700.00	\$/well			
58	Develop L. Chinle Well	700.00	\$/well			
59	Abandon 5" Tailings Well	640.00	\$/well			
60	Abandon 2" Tailings Well	220.00	\$/well			
61	Abandon Alluvial Well	750.00	\$/well			
62	Abandon Perched Alluvial Well	350.00	\$/well			
63	Abandon U. Chinle Well	1,300.00	\$/well			
64	Abandon M. Chinle Well	1,300.00	\$/well			
65	Abandon L. Chinle Well	1,300.00	\$/well			
66	Abandon San Andres Well	3,000.00	\$/well			
67	Abandon Sumps	500.00	\$/sump			
68	Drilling Mob/Demob	6,000.00	\$/rig			
69						
70						
71	<b>-- Tailings Collection Parts and Supplies--</b>					
72						
73		unit cost	units			
74	Collection Wellheads	500.00	\$/wellhead			
75	2" Valves	200.00	\$/valve			
76	3/4", 5/8", 1" Meters	50.00	\$/meter			
77	Submersible Pumps	500.00	\$/pump			
78	Vacuum Pumps	500.00	\$/pump			
79						
80						
81	<b>-- Tailings Sumps Parts and Supplies--</b>					
82						
83		unit cost	units			
84	Collection Plumbing	500.00	\$/wellhead			
85	2", 3" Valves	200.00	\$/valve			
86	3/4", 5/8", 1" Meters	50.00	\$/meter			
87	Submersible Pumps	310.00	\$/pump			
88						
89						
90	<b>-- Tailings Injection Parts and Supplies--</b>					
91						
92		unit cost	units			
93	Injection Wellheads	300.00	\$/wellhead			
94	2" Valves	200.00	\$/valve			
95	3/4", 5/8", 1" Meters	50.00	\$/meter			
96						
97						
98	<b>-- Alluvial/Chinle Collection Parts and Supplies--</b>					
99						
100		unit cost	units			

(6) Unit Costs

Page 2 of 12

Revised: 3/25/2009; Printed: 3/30/2009

GRANTS PROJECT  
Unit Costs

	A	B	C	D	E	F
101	Collection Wellheads	1,000.00	\$/wellhead			
102	2" Valves	200.00	\$/valve			
103	3/4", 5/8", 1" Meters	50.00	\$/meter			
104	Submersible Pumps	2,100.00	\$/pump			
105						
106						
107	<b>-- San Andres Collection Parts and Supplies--</b>					
108						
109		unit cost	units			
110	Collection Wellheads	1,500.00	\$/wellhead			
111	6" Valves	450.00	\$/valve			
112	6" Meters	2,000.00	\$/meter			
113	Submersible Pumps	5,000.00	\$/pump			
114						
115						
116	<b>-- Alluvial/Chinle Injection Parts and Supplies--</b>					
117						
118		unit cost	units			
119	Injection Wellheads	350.00	\$/wellhead			
120	2" Valves	200.00	\$/valve			
121	3/4", 5/8", 1" Meters	50.00	\$/meter			
122						
123						
124	<b>-- Irrigation Parts and Supplies--</b>					
125						
126		unit cost	units			
127	Collection Wellheads	1,000.00	\$/wellhead			
128	2", 3" Valves	200.00	\$/valve			
129	6", 10", 12" Valves	600.00	\$/valve			
130	2", 3" Meters	500.00	\$/meter			
131	6", 10", 12" Meters	3,000.00	\$/meter			
132	Submersible Pumps	3,500.00	\$/pump			
133	Alfalfa	2.55	\$/lb			
134	Millet	0.40	\$/lb			
135	Cereal Grains	0.90	\$/lb			
136	Fertilizer	0.15	\$/lb			
137						
138						
139	<b>-- R.O. Plant Parts and Supplies--</b>					
140						
141		unit cost	units			
142	Pumps	5,000.00	\$/pump			
143	Valves	4,000.00	\$/valve			
144	Meters	4,000.00	\$/meter			
145	Filters	10.50	\$/filter			
146	Membranes (LPRO)	1,070.00	\$/membrane			
147	Membranes (HPRO)	1,130.00	\$/membrane			
148	Sand Filter Media	8,000.00	L.S.			
149	Air Diffuser	2,000.00	L.S.			
150	Caustic Soda	0.4578	\$/lb			



GRANTS PROJECT  
Unit Costs

	A	B	C	D	E	F
151	Sulfuric Acid	0.2900	\$/lb			
152	Anti-Scalent	700.00	\$/barrel			
153	Citric Acid	1.31	\$/lb			
154	Test Reagents	0.00	\$/?			
155	Lime	0.1070	\$/lb			
156	Muriatic Acid	6.64	\$/gal			
157	Membrane Cleaner	1,833.00	\$/drum			
158						
159		unit cost	units			
160	R.O. Plant Refurbishment	1,000,000.00	lump sum			
161	R.O. Plant Upgrades	5,000.00	\$/upgrade			
162	Miscellaneous R.O. Plant Equiprr	1,000.00	\$/unit			
163						
164						
165	<b>-- Evaporation Parts and Supplies--</b>					
166						
167		unit cost	units			
168	Pumps	5,000.00	\$/pump			
169	Valves	1,000.00	\$/valve			
170	Meters	2,000.00	\$/meter			
171	Copper Sulfate	2.49	\$/lb			
172	Citric Acid	1.31	\$/lb			
173	Spray Nozzles	68.00	\$/nozzle			
174	Pump & Motor for Turbo-Mist	6,000.00	\$/pump			
175	Nozzles for Turbo-Mist Unit	32.15	\$/nozzle			
176						
177						
178	<b>-- In-situ Biotesting Parts and Supplies--</b>					
179						
180		unit cost	units			
181	Pumps	2,100.00	\$/pump			
182	Valves	200.00	\$/valve			
183	Meters	50.00	\$/meter			
184	Molasses	1.00	\$/gal			
185	Phosphorous Source	1.00	\$/lb			
186	Carbon Source	0.00300	\$/gal treated			
187						
188						
189	<b>-- Monitoring Parts and Supplies--</b>					
190						
191		unit cost	units			
192	Bioassay Sample Bottles	0.59	\$/bottle			
193	OSL Badges	10.00	\$/badge			
194	Bioassay Samples	25.00	\$/sample			
195	OSL Badges Analysis	17.34	\$/badge			
196	High Vol Samples	156.00	\$/sample			
197	Radon Cups	20.00	\$/cup			
198	Radon Cup Analysis	70.00	\$/sample			
199	High Vol Filters	373.93	\$/pack			

GRANTS PROJECT  
Unit Costs

**Cell:** E3

**Comment:** NOTE:

DO NOT CHANGE CELLS HIGHLIGHTED IN RED.

THE REST OF THE VALUES SHOULD BE CHANGED HERE.  
CHANGING THE UNIT COST VALUES IN THIS SHEET WILL  
CHANGE THE VALUES THROUGHOUT THE SPREADSHEET.

**Cell:** C8

**Comment:** Determined from most recent fuel price - updated annually.

**Cell:** C9

**Comment:** Determined from most recent fuel price - updated annually.

**Cell:** A14

**Comment:** Constituents and parameters for each list are described in the most recent Corrective Action Plan for the Homestake Grants site.

**Cell:** C15

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C16

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C17

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C18

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C19

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C20

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C21

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C22

**Comment:** Includes lab fees and supplies. Bid price updated annually

GRANTS PROJECT  
Unit Costs

**Cell:** C23

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C24

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C25

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C30

**Comment:** Includes lab fees and supplies. Bid price updated annually

**Cell:** C36

**Comment:** Includes lab fees and supplies. Bid Price updated annually.

**Cell:** C42

**Comment:** Calculated from most recent electrical cost - updated annually

**Cell:** C43

**Comment:** Calculated from most recent natural gas costs - updated annually.

**Cell:** C49

**Comment:** Tailings wells are 5" PVC, typically 110' deep, sand pack up to 30' with bentonite seal above sand.  
Cost est. based on previous drilling cost.

**Cell:** C50

**Comment:** Alluvial wells 5" PVC, 60 to 120', sand pack to 30' with bentonite seal above. Cost est. based on previous drilling.

**Cell:** C51

**Comment:** U. Chinle wells 5" PVC, 120 to 240' deep  
, sand pack 40' with bentonite seal above.

**Cell:** C52

**Comment:** M. Chinle 5 or 6" PVC, 120 to 360' deep, 60' of sand pack with bentonite seal above.

**Cell:** C53

**Comment:** L. Chinle wells 5" PVC, 160 to 380' deep, 60' sand pack with bentonite seal above.

GRANTS PROJECT  
Unit Costs

**Cell:** C54

**Comment:** 3 hrs of rig time.

**Cell:** C55

**Comment:** 4 hrs of rig time

**Cell:** C56

**Comment:** 5 hrs of rig time

**Cell:** C57

**Comment:** 5 hrs of rig time

**Cell:** C58

**Comment:** 5 hrs of rig time

**Cell:** C59

**Comment:** 3 hrs rig time and materials

**Cell:** C60

**Comment:** 4 hrs labor at \$30/hr for manpower plus \$100 for materials and possible equipment rental.

**Cell:** C61

**Comment:** 3 hrs rig time and materials

**Cell:** C62

**Comment:** 2 hrs rig time and materials

**Cell:** C63

**Comment:** 4 hrs rig time and materials

**Cell:** C64

**Comment:** 4 hrs rig time and materials

**Cell:** C65

**Comment:** 4 hrs rig time and materials

**Cell:** C66

**Comment:** 10 hrs rig time and materials

GRANTS PROJECT  
Unit Costs

**Cell:** C67

**Comment:** Backfill and cover cost

**Cell:** C68

**Comment:** Rig and Supporting Equipment Mobilization

**Cell:** C74

**Comment:** Includes all wellhead plumbing (tees, small valves, nipples, drop pipe, drawdown tube, rope, etc.)

**Cell:** C76

**Comment:** Assumes average cost of all three sizes of meters.

**Cell:** C77

**Comment:** Assumes average cost of different sizes of pumps.

**Cell:** C78

**Comment:** No vacuum pumps are planned to be used in the future.

**Cell:** C84

**Comment:** Includes all collection plumbing (tees, small valves, nipples, rope, drawdown tube, etc.)

**Cell:** C86

**Comment:** Assumes average cost of all three sizes of meters.

**Cell:** C87

**Comment:** Assumes average cost of different sizes of pumps.

**Cell:** C93

**Comment:** Includes all injection plumbing (tees, small valves, nipples, etc.)

**Cell:** C95

**Comment:** Assumes average cost of all three sizes of meters.

**Cell:** C101

**Comment:** Includes all wellhead plumbing (tees, small valves, nipples, drop pipe, drawdown tube, S.S. wire and etc.

GRANTS PROJECT  
Unit Costs

**Cell:** C103

**Comment:** Assumes average cost of all three sizes of meters.

**Cell:** C104

**Comment:** Assumes average cost of different sizes of pumps.

**Cell:** C110

**Comment:** Includes all wellhead plumbing (tees, valves, nipples, drop pipe, drawdown tube, S.S. wire, etc. for large wells.

**Cell:** C113

**Comment:** Assumes average cost of different sizes of pumps.

**Cell:** C119

**Comment:** Includes all wellhead plumbing (tees, small valves, nipples, etc.

**Cell:** C121

**Comment:** Assumes average cost of all three sizes of meters.

**Cell:** C127

**Comment:** Includes all wellhead plumbing (tees, valves, nipples, drop pipe, drawdown tube, S.S. wire, etc. for 2" and 3" discharge pipe.

**Cell:** C128

**Comment:** Assumes average of 2" and 3" valves.

**Cell:** C129

**Comment:** Assumes average of 6", 10", and 12" valves.

**Cell:** C130

**Comment:** Assumes average cost of 2" and 3" meters.

**Cell:** C131

GRANTS PROJECT  
Unit Costs

**Comment:** Assumes average cost of 6", 10", and 12" meters.

**Cell:** C132

**Comment:** Assumes average cost of different sizes of pumps.

**Cell:** C142

**Comment:** Assumes average of all different types of pumps (R.O. Feed, Sump, R.O. Product, etc.).

**Cell:** C143

**Comment:** Assumes average of different sizes and types of valves.

**Cell:** C144

**Comment:** Assumes average of different types and sizes of meters.

**Cell:** C146

**Comment:** Costs reviewed and updated annually

**Cell:** C147

**Comment:** Costs reviewed and updated annually

**Cell:** C150

**Comment:** Costs reviewed and updated annually

**Cell:** C151

**Comment:** Costs reviewed and updated annually

**Cell:** C152

**Comment:** Costs reviewed and updated annually

**Cell:** C153

**Comment:** Costs reviewed and updated annually

**Cell:** C155

**Comment:** Costs reviewed and updated annually

**Cell:** C156

**Comment:** Costs reviewed and updated annually

**Cell:** C157

**Comment:** Costs reviewed and updated annually

GRANTS PROJECT  
Unit Costs

**Cell:** C160

**Comment:** Placeholder estimate of large scale plant refurbishment

**Cell:** C161

**Comment:** As yet unspecified upgrades

**Cell:** C162

**Comment:** Miscellaneous future equipment additions

**Cell:** C168

**Comment:** Assumes average of all different types and sizes of pumps.

**Cell:** C169

**Comment:** Assumes average of different sizes and types of valves.

**Cell:** C170

**Comment:** Assumes average of different types and sizes of meters.

**Cell:** C171

**Comment:** Costs reviewed and updated annually

**Cell:** C172

**Comment:** Costs reviewed and updated annually

**Cell:** C174

**Comment:** High pressure pump to supply two Turbo Misters

**Cell:** C175

**Comment:** Spiral-type nozzle

**Cell:** C181

**Comment:** Assumes average of all different types of pumps.

**Cell:** C182

**Comment:** Assumes average of different sizes and types of valves.

**Cell:** C183

**Comment:** Assumes average of different types and sizes of meters.

**Cell:** C192

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C193

**Comment:** Costs reviewed and bid prices solicited and updated annually.



GRANTS PROJECT  
Unit Costs

**Cell:** C194

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C195

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C196

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C197

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C198

**Comment:** Costs reviewed and bid prices solicited and updated annually.

**Cell:** C199

**Comment:** Costs reviewed and bid prices solicited and updated annually.

GRANTS PROJECT  
Electrical Meter 453180401 Electrical Meter 453180501

**!!!!!!!!!!!!!!DO NOT CHANGE RED VALUES IN THIS SHEET. CHANGE ONLY THE YEARLY GPM VALUES!!!!!!!!!!!!!!**  
**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.**

**Electrical Meter 453180401 KWH Breakout**

	Unit Cost	Pressure Factor	2009	2010	2011	2012	2013	2014	2015	2016	2017
Alluvial Collection	469	1	580	580	580	580	580	520	520	0	0
Toe Drains / Sumps	469	0.36	25	25	25	25	0	0	0	0	0
Tailings Collection	469	0.36	120	110	100	80	0	0	0	0	0
Spray Evaporation System	469	1	4700	4700	4700	4700	3000	3000	3000	2000	0
Turbo-Mist	469	12.07	156	156	156	156	0	0	0		
No. 2 Well	469	2	300	300	300	100	100	100	100	100	100

	2009	2010	2011	2012	2013	2014	2015	2016	2017
Alluvial Collection	272020	272020	272020	272020	272020	243880	243880	0	0
Toe Drains / Sumps	4221	4221	4221	4221	0	0	0	0	0
Tailings Collection	20260.8	18572.4	16884	13507.2	0	0	0	0	0
Spray Evaporation System	2204300	2204300	2204300	2204300	1407000	1407000	1407000	938000	0
Turbo-Mist	883089	883089	883089	883089	0	0	0	0	0
No. 2 Well	281400	281400	281400	93800	93800	93800	93800	93800	93800
Total	3665291	3663603	3661914	3470938	1772820	1744680	1744680	1031800	93800

**R.O. Plant Electrical Meter 453180501**

	Unit Cost	2009	2010	2011	2012	2013	2014	2015	2016	2017
R.O. Plant Rate	Formula	600	600	600	600	600	600	600	0	0

	2009	2010	2011	2012	2013	2014	2015	2016	2017
R.O. Plant	2307600	2307600	2307600	2307600	2307600	2307600	2307600	10000	10000

GRANTS PROJECT  
Long-Term Maintenance  
Surveillance Fee

## LONG-TERM MAINTENANCE & SURVEILLANCE FEE

### NRC Long Term Maintenance and Surveillance Fee

**NRC Long Term Maintenance and Surveillance Fee:**

Calculation of this fee is performed using the CPI index number for the current year and the CPI index for November, 1978. The \$250,000 fee is based on 1978 dollars and must be expressed in today's dollars.

### \$250,000 Fee in 1978 Dollars

Most current CPI Index for Current Year = 212.193  
CPI Index for November, 1978 = 67.4

CPI Factor = 3.148264

Fee in March, Current year dollars = \$787,066

**Calculated Fee Equals:**

The CPI Factor multiplied by the fee in 1978 dollars.

Change this value to the value of most current monthly CPI index obtained from the U.S. Department of Labor, Bureau of Labor Statistics.

**212.193 = February 2009 CPI**

**211.693 = February 2008 CPI**

210.036 = December 2007 CPI

202.416 = January 2007 CPI

202.9 = September 2006 CPI

**CPI Factor Equals:**

Current CPI divided by the CPI Index for November, 1978

GRANTS PROJECT  
Physical Reclamation Costs  
2009 Dollars

**SUMMARY ESTIMATE**  
**HOMESTAKE MINING COMPANY OF CALIFORNIA**  
**GRANTS PROJECT MILLING COMPLEX**  
**CEBOLA COUNTY NEAR MILAN, NM**

CPI Calculations to convert the 2003 unit cost \$ to current year \$  
Most Current CPI Value 212.193  
Jan 2003 CPI Value 181.7  
**1.167820583**

Item No.	Description	Unit	Quantity	Unit Cost (Current Year \$)	Total Cost (\$)
<b>1.0</b>	<b>FACILITY DECOMMISSIONING</b> Mill Decommissioning & Demolition		Complete		\$0
<b>2.0</b>	<b>GROUND WATER RESTORATION</b>				
2.1	Groundwater Restoration (Operations & Monitoring)	YR			\$0
2.2	RO Treatment Plant Operation	YR			\$0
2.3	Well Abandonment	EA			\$0
	<b>Groundwater Restoration Subtotal</b>				<b>\$0</b>
<b>3.0</b>	<b>INTERIM STABILIZATION OF TAILINGS</b> Interim Cover Maintenance				
		(Included in ongoing gw restoration operations costs)			
<b>4.0</b>	<b>TAILING IMPOUNDMENT AREA RESTORATION</b>				
<b>4.1</b>	<b>Large Tailings Pile Closure</b>				
4.1.1	Settlement Monitoring				
4.1.2	Borrow Area Investigation	Acre	400	147.73	\$59,092
4.1.3	Clear & Grub Borrow Areas	Acre	240	1,401.38	\$336,332
4.1.4	Radon Barrier material: haul & placement	CY	770,000	4.90	\$3,776,732
4.1.5	Rock Cover material: haul & placement	CY	87,000	5.02	\$436,882
4.1.6	Construction QA/QC	Month	7	64,230.13	\$449,611
4.1.7	Revegetation of Borrow Areas	Acre	240	1,634.95	\$392,388
	<b>Large Tailings Pile Closure Subtotal</b>				<b>\$5,451,036</b>
<b>4.2</b>	<b>Pond Closure</b>				
4.2.1	Dewatering and/or Water Treatment (allowance)	LS	1	58,391.03	\$58,391
4.2.2	Removal of sediment - placement in EP1	CY	80,000	4.44	\$355,017
4.2.3	Removal of liners, & piping - placement in EP1	SY	86,000	1.05	\$90,389
4.2.4	Excavate underlying impacted soil	CY	37,500	3.50	\$131,380
4.2.5	Remove/regrade earthen berms	CY	122,000	1.17	\$142,474
4.2.6	Confirmation Sampling	Acre	25	934.26	\$23,356
4.2.7	Import Fill placement & grading	CY	50,000	3.39	\$169,334
4.2.8	Revegetation	Acre	25	1,634.95	\$40,874
	<b>Pond Closure Subtotal</b>				<b>\$1,011,216</b>
<b>4.3</b>	<b>Small Tailing Pile Closure</b>				
4.3.1	Clear & Grub Borrow Areas	Acre	105	1,401.38	\$147,145
4.3.2	Prep and grade of tailings pile surface	CY	170,000	2.28	\$387,133
4.3.3	Radon Barrier material: haul & placement	CY	340,000	5.08	\$1,727,207
4.3.4	Rock Cover material: haul & placement				
	Top of Impoundment	CY	32,000	5.14	\$164,429
	Impoundment side slopes	CY	28,000	7.30	\$204,369
4.3.5	Construction QA/QC	Month	4.5	64,230.13	\$289,036
4.3.6	Revegetation of Borrow Areas	Acre	105	1,634.95	\$171,670
	<b>Small Tailing Pile Closure</b>				<b>\$3,090,988</b>
<b>5.0</b>	<b>RADIOLOGICAL SURVEY AND ENVIRONMENTAL MONITORING</b>				
	Radon Flux Measurements on Tailing Piles (post-closure)	LS	1	45,545.00	<b>\$45,545</b>
<b>6.0</b>	<b>DEMOLITION OF REMAINING FACILITIES</b>				
<b>6.1</b>	<b>RO Plant Demolition</b>				
6.1.1	Demolition of plant - placement in EP1	LS	1	160,575.33	\$160,575
6.1.2	Backfill/regrade demolition area	CY	1,500	3.50	\$5,255
6.1.3	Revegetation	Acre	2.5	1,634.95	\$4,087
	<b>RO Plant Demolition Subtotal</b>				<b>\$169,918</b>

GRANTS PROJECT  
Physical Reclamation Costs  
2009 Dollars

**SUMMARY ESTIMATE**  
**HOMESTAKE MINING COMPANY OF CALIFORNIA**  
**GRANTS PROJECT MILLING COMPLEX**  
**CEBOLA COUNTY NEAR MILAN, NM**

CPI Calculations to convert the 2003 unit cost \$ to current year \$  
Most Current CPI Value 212.193  
Jan 2003 CPI Value 181.7  
**1.167820583**

Item No.	Description	Unit	Quantity	Unit Cost (Current Year \$)	Total Cost (\$)
<b>6.2</b>	<b>Office/Shop Area Demolition</b> (office-truck shop, warehouse bldg, & rel. bldg in admin compound)				
6.2.1	Demolition of buildings	LS	1	81,747.44	\$81,747
6.2.2	Demolition of Water Tanks	EA	2	17,517.31	\$35,035
6.2.3	Removal of yard gravel - placement in EP1	CY	4,000	4.09	\$16,349
6.2.4	Backfill/regrade demolition area	CY	1,500	3.50	\$5,255
6.2.5	Revegetation	Acre	5	1,634.95	\$8,175
	<b>Office/Shop Area Demolition Subtotal</b>				<b>\$146,561</b>
<b>7.0</b>	<b>PROJECT MGMNT - CONSULTING/ENGINEERING SUPPORT</b>				
<b>7.1</b>	<b>Large Tailings Pile Closure</b>				
7.1.1	Final Design & Contract Document Prep	LS	1	42,041.54	\$42,042
7.1.2	Proj Management & Construction Oversight	Month	7	44,377.18	\$310,640
7.1.3	Prepare Completion Report	LS	1	42,041.54	\$42,042
	<b>LTP Project Management Subtotal</b>				<b>\$394,723</b>
<b>7.2</b>	<b>Final Closure &amp; Demolition (RO plant, ponds, STP)</b>				
7.2.1	Final Design & Contract Document Prep	LS	1	50,449.85	\$50,450
7.2.2	Proj Management & Construction Oversight	Month	8.5	44,377.18	\$377,206
7.2.3	Prepare Completion Report	LS	1	50,449.85	\$50,450
	<b>STP Project Management Subtotal</b>				<b>\$478,106</b>
<b>7.3</b>	<b>Shop Area Demolition</b>				
7.3.1	Final Design & Contract Document Prep	LS	1	5,605.54	\$5,606
7.3.2	Proj Management & Construction Oversight	Month	0.5	44,377.18	\$22,189
7.3.3	Prepare Completion Report	LS	1	5,605.54	\$5,606
	<b>Shop Area Project Management Subtotal</b>				<b>\$33,400</b>
<b>TOTAL</b>					<b>\$10,821,493</b>

