



Mr. Pdraig Cunneen
Members of the BNRC
65 East Broadway
Butte, MT 59701

I am Dr. Lois Podobnik, member of the Board of Directors of the Science Mine, and point-of-contact for grants and applications. Enclosed is a completed application for the Butte Area One Restoration Small Project Program for the proposed project entitled, ***"Promoting Stewardship of Water Resources Through Public Hands-on-Science Exhibits."***

I hope that you will look favorably on this project which has involved serious planning and partnerships with an eye to conserving BNRC dollars and addressing science misconceptions about Butte Area One. Should you have any questions or require clarification on this proposal, please feel free to contact me. My contact information is: email – lopodobnik@hotmail.com; home phone – 565-5342; cell phone – 308-430-1303; address – 4824 Hutch Drive, Butte.

Thank you for your time and consideration in the review of this proposal.

Kind regards,

A handwritten signature in black ink that reads "Lois Podobnik".

Lois Podobnik, Ph.D.

Physicist & retired Provost of Chadron State College



A. PROJECT SUMMARY

Title: *"Promoting Stewardship of Water Resources Through Public Hands-on-Science Exhibits"*

Sponsor: The Science Mine (SM) is a hands-on science discovery center located at 36 East Granite in uptown Butte. It was incorporated as a 501-c3 in 2008 and opened its doors in December 2011. In 2013 it underwent a significant strategic planning process. The Mine now operates with a new Board of Directors that is implementing this plan, which includes grant writing for expansion of exhibits and public education. Board members are professional people with extensive backgrounds in chemistry, geology, engineering, physics, biology, construction trades, technology, business, and education.

The Science Mine promotes scientific literacy for children, adults and families by cultivating natural inquisitiveness and the love of play through hands-on exhibits that demonstrate a wide variety of science concepts. Its motto is "Dig into Science!" and it provides an environment where visitors of all ages can interact with exhibits and a wide variety of materials to safely make discoveries and become more comfortable with science and technology. The SM has a strong relationship with schools and provides, by appointment, organized learning experiences for schools in Butte and the surrounding counties. In addition the SM focuses on family experiences and is open on Saturday afternoons to the general public. It also participates in Chamber of Commerce events such as the Christmas Stroll.

Project focus: This project will establish six major interactive exhibits that focus on complex hydrogeological, chemical and biological concepts that are important for understanding the nature of damages to Butte Area One, and how they are being remedied and restored. Concepts addressed will include topography, watersheds, ground versus surface water, groundwater flow patterns and cone of depression, dissolved and suspended load, pH, riverine and riparian ecosystems, and how to assess ecosystem health using macroinvertebrates and indicator species. Equipment and models for the exhibits will include professionally fabricated items such as stream tables, groundwater models, and interactive landscape models that are locally designed and constructed to be specific to Butte Area One. The aim of these exhibits is to educate children and the general public on concepts important to the understanding and stewardship of Butte's water resources. Such education will create a well-informed public constituency and a budding generation of future leaders in Butte-Silver Bow who value our water resources and understand its complexities.

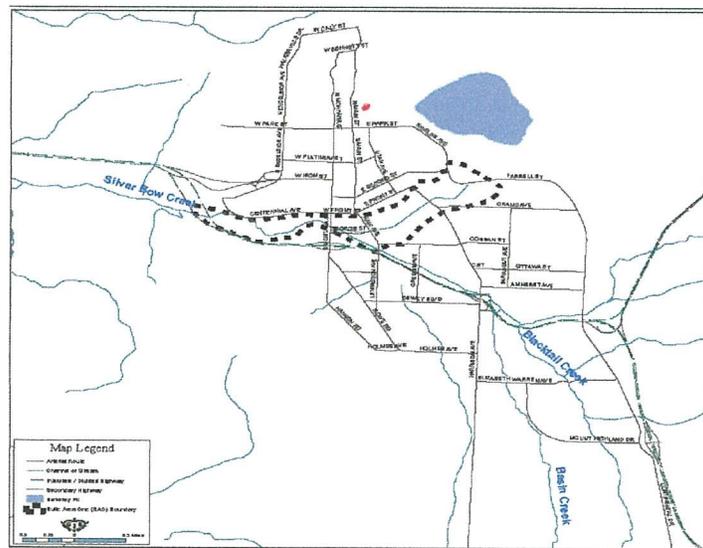
Partners and implementation: Exhibits will be designed to complement Clark Fork Watershed Education Program (CFWEP) curricula. CFWEP staff members will serve as educational consultants. The Montana Bureau of Mines and Geology and the Department of Geological Engineering at Montana Tech will provide technical design expertise for the interactive exhibits and models. Members of the Science Mine Board of Directors will provide creative leadership and direct oversight of this project including financials, timelines, fabrication process, and installation implementation.

Project location: While the exhibits will be housed at the Science Mine at 36 East Granite Street, the project focuses on exhibits specific to the hydrogeology, chemistry, and biology of Butte Area One and its relationships to Silver Bow Creek, Blacktail Creek, and the Berkeley Pit.

Total dollar amount: The Science Mine is requesting \$49,000 over a two-year period for the design, fabrication, and installation of the Butte Area One exhibits.

Timeline: The project will commence in February 2015 with overall planning and design work during the first two quarters of 2015. The exhibits will be developed and installed sequentially with one per quarter for the remaining two quarters of 2015 and the four quarters of 2016. As each exhibit is installed it will be open to the public. The **table, on the next page**, summarizes this exhibit timeline. In January 2017, with all six exhibits installed, the Science Mine will host a grand opening event for the entire project. During the first two quarters of 2017 a marketing plan and special events will feature the completed exhibits, with heavy marketing during the summer festival season. A final report will be completed by October 2017.

Map: The Science Mine, where exhibits will be housed, is at 36 E. Granite Street in the basement of the historic Sears building. The exhibits will explain remedy and restoration issues directly related to Butte Area One.



Project Timeline

2015

2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Overall Design & Planning	x	x	x	x	x																				
Exhibit 1: Healthy Watersheds																									
Planning					x																				
Construction						x																			
Installation & Opening									x																
Exhibit 2: Stream Flow																									
Planning							x																		
Construction									x																
Installation & Opening												x													
Exhibit 3: Stormwater & Nonpoint-source pollution																									
Planning											x														
Construction												x													
Installation & Opening															x										
Exhibit 4: Butte Groundwater																									
Planning														x											
Construction																x									
Installation & Opening																		x							
Exhibit 5: Acid Mine Drainage																									
Planning																									
Construction																									
Installation & Opening																									
Exhibit 6: Dissolved & suspended loads																									
Planning																									
Construction																									
Installation & Opening																									

B. Project Goals and Objectives:

The goal of this project is the design and implementation of six major public interactive exhibits and educational aids that focus on complex hydrological, geological, chemical and biological concepts that are important for understanding the nature of damages to Butte Area One and its remediation and restoration. These exhibits, which complement CFWEP water resource curricula, will accurately represent the Butte Area One environment, rather than using commercially available generic models.

The project will be implemented over a two-year period with these objectives followed sequentially:

1. Create an overall plan for the design and installation of the six exhibits within the current confines of the Science Mine.
2. Create a specific design plan for Exhibit #1 Healthy Watersheds, order materials, construct and install the exhibit.
3. Create a specific design plan for Exhibit #2 Stream Flow, order materials, construct and install the exhibit.
4. Create a specific design plan for Exhibit #3 Stormwater & Nonpoint-source Pollution, order materials, construct, and install the exhibit.
5. Create a specific design plan for Exhibit #4 Butte Groundwater, order materials, construct, and install the exhibit.
6. Create a specific design plan for Exhibit #5 Acid Mine Drainage, order materials, construct, and install the exhibit.
7. Create a specific design plan for Exhibit #6 Dissolved & Suspended Loads, order materials, construct, and install the exhibit.
8. Promote stewardship of water resources through public education and interaction with all the exhibits, commencing sequentially with each exhibit as each is installed, and with the grand opening for the entire project in January 2017, along with special events and marketing during the spring 2017.

C. Project Benefits:

The aim of these interactive exhibits is the education of students and the general public on concepts important to the understanding and stewardship of Butte's water resources. This education will create a well-informed public constituency and a budding generation of future leaders in Butte-Silver Bow who value our water resources and understand its complexities.

Government representatives and citizen volunteers will be able to direct the public constituency to these exhibits prior to public discussion of important water resource issues. This will, in turn, increase the efficacy of public meetings when participants understand the complex underlying science concepts involved in water resource stewardship.

Schools will be able to take full advantage of the CFWEP curriculum by utilizing these indoor exhibits to augment the valuable field experiences provided by CFWEP. In addition if inclement weather precludes field experiences, these exhibits can be used by CFWEP staff for presentations.

D. Project Implementation:

Staff: The following people are all members of the **Science Mine Board of Directors**. Each of them, based on their individual expertise and skills, will provide services for the various tasks of this project, listed in the next section. Specific staff is as follows:

- **Dr. Doug Coe**, dean and professor of Letters, Sciences, & Professional Studies at Montana Tech, as president of the Science Mine Board, will organize regular meetings of the Board to keep the project moving forward and will provide planning oversight and expertise.
- **Dr. Lois Podobnik**, physicist, and retired provost and academic vice president of Chadron State College, will provide oversight for the project planning, quarterly reports, and financial documentation.
- **Dr. Colleen Elliott**, associate research professor at the Montana Bureau of Mines and Geology, will serve as liaison with the MBMG and the Department of Geological Engineering and will provide design and construction expertise regarding the scientific concepts and their accurate representation.
- **Ms. Emily Munday**, program coordinator for CFWEP, will serve as liaison with CFWEP and provide design and construction expertise regarding the scientific concepts and their accurate representation.
- **Dr. Fred Hartline**, science education and technology expert, will provide expertise and hands-on assistance for the planning, construction, and implementation phases for all exhibits and will supervise the student interns from Montana Tech who may undertake tasks associated with the exhibits.
- **Mr. Kevin Ball**, Butte businessman and contractor, will provide construction and technical design expertise during the planning, construction and installation phases of all exhibits.
- **Ms. Becky Neff**, child development specialist for AWARE Early Head Start and K-12 science educator, will work with Fred Hartline to provide expertise in the design of educational signage for the exhibits to address a spectrum of age groups.
- **Mr. Lloyd Magnuson**, middle school science educator, will provide educational expertise in the planning and design of the exhibits.
- **Mr. Patrick Kujawa**, retired chemical engineer, as chair of the SM exhibits taskforce, will provide assistance with the design, placement and installation of all exhibits.

In addition to the expertise and services provided by the Science Mine Board of Directors, **The Montana Bureau of Mines and Geology, the Department of Geological Engineering at Montana Tech, and the CFWEP** will all provide scientific guidance and assessment for all exhibits in this project. Letters from them to this effect are appended at the end of this application.

Tasks: Individual tasks and activities necessary to accomplish this project will be undertaken in the chronological order of the objectives listed on page 4. Specific tasks within each objective are as follows:

- **Objective #1** – measurement and assessment of spatial requirements for each exhibit and available space within the SM; rearrangement of existing exhibits to create a coherent flow for the new exhibits; determination of technical equipment and resources needed for installation of the exhibits, e.g. plumbing and electrical requirements; identification of staff to fabricate exhibit components.
- **Objectives #2 through #7**- discuss options for design of a particular exhibit; identify and order equipment and materials; fabricate exhibit; create signage; install exhibit components; monitor public interaction with the exhibit and refine it based on this evidence.
- **Objective #8** – create a marketing plan for the new exhibits and utilize print and social media to advertise the project and its grand opening; contact school systems that are regular clients of the Science Mine to promote usage of the new exhibits; create special programming Saturdays for the general public to promote usage of the new exhibits; contact governmental officials and citizen volunteers who are involved with water resources and create a special open house to acquaint them with the exhibits and the value of the exhibits to their work.

Description of the exhibits:

- **Exhibit #1 - Healthy Watersheds:** How have Butte Area One ecosystems been affected by mining on the Butte Hill and how can we tell when they have been restored? Visitors will examine a variety of southwestern Montana-specific biologic communities including streams and wetland model habitats and measure their relative health. They will use dichotomous keys and reference illustrations to identify benthic macroinvertebrate indicator species, and compare water quality measurements to state aquatic life standards. Example habitats will include Silver Bow Creek past, present, and future, and the Blacktail Creek wetlands.
- **Exhibit #2 - Stream Flow:** A stream table will be used to demonstrate what happened to our watershed to cause the environmental damages that are now being repaired. Water flowing across a large table filled with sand will illustrate the power of running water to move materials and alter the landscape. Visitors will create landscapes with wet sand and models of natural and man-made structures, animals, trees, and people, and then run water through the design at different volumes and flow rates to observe the results. Visitors will be able to test different methods of containing stream channels and controlling flooding.
- **Exhibit #3- Stormwater and Nonpoint-source Pollution:** The importance of reducing runoff for restoring riverine habitats will be demonstrated. Visitors will manipulate a three-dimensional model of the Butte Hill landscape to see how contaminants from diffuse sources, e.g. trash, pet waste, or oil, are conveyed over impervious surfaces such as

pavement and rooftops into storm drains and eventually into our surface waters. Users will test different methods of controlling runoff to maintain a restored ecosystem. Methods will include implementation of more pervious surfaces such as vegetation and permeable pavers, and installing rain gardens and hydrodynamic devices.

- **Exhibit #4 – Butte Groundwater:** How do contaminants enter our groundwater? How are they transported? This Butte Hill-specific interactive model will allow visitors to manipulate flow through different kinds of aquifers by varying source areas and recharge rates. The model will mimic the topography of the Butte Hill through the Berkeley Pit and Butte Area One to allow people to visualize cones of depression, the groundwater divide, and the alluvial aquifer that must be protected once the pit is filled to its action level. This model will address common misconceptions Butte citizens may have about the Berkeley Pit. For example, citizens can learn at a glance why the pit will not overflow.
- **Exhibit #5 – Acid Mine Drainage:** This exhibit will use safe, non-toxic materials to show how sulfides, water and oxygen combine to create acidic water that has a high capacity for dissolving metals. Visitors will be guided through experiments using simple water quality measuring devices to measure chemical changes in water when “tailings” are added. They will also be able to test different methods for assessing water quality.
- **Exhibit #6 – Dissolved and Suspended Loads:** Once visitors have cycled through Exhibits #1 through #5, they will have discovered that contaminants can be either dissolved or suspended in water. Exhibit #6 will allow visitors to see for themselves what the differences are between dissolved and suspended loads, and then to experiment with different ways to clean up contaminated water. They will learn how to create effective filters, how changes in pH can cause contaminants to be dissolved or precipitated, and how dissolved copper can be plated out on other metals.

E. Project Schedule:

The project will commence in February 2015 with overall planning and design work completed during the first two quarters of 2015. The exhibits will be developed and installed sequentially with one per quarter for the remaining two quarters of 2015 and the four quarters of 2016. As each exhibit is installed it will be open to the public. The **table, on page 3**, summarizes the timeline for exhibit planning, construction and installation. In January 2017, with all six exhibits installed, the Science Mine will schedule a BNRC walk-through, and then host a grand opening event for the public with the BNRC as special guests. Marketing of the project exhibits and special events for various stakeholders will be planned and implemented during the first six months of 2017. The project exhibits will also be marketed heavily during the summer festivals.

Quarterly reports will coincide with the completion of various objectives as follows: Objective #1 will be completed by the end of the second quarter of 2015; Objective #2 by the end of the third quarter of 2015; Objective #3 by the end of the fourth quarter of 2015; Objective #4 by the end of the first quarter of 2016; Objective #5 by the end of the second quarter of 2016; Objective #6 by

the end of the third quarter of 2016; Objective #7 by the end of the fourth quarter of 2016. Objective #8 will be ongoing during the two quarters of 2017. A final report will be completed by the end of the third quarter in 2017.

F. Monitoring Activities

Monitoring activities will consist of two types: (1) completion of simple activity checklists for planning, construction, and installation of exhibits; and (2) formative observations of visitor interactions with each exhibit as each is completed. The checklists will be completed for each exhibit and included with the quarterly reports as the project progresses. The formative observations of visitor interactions will be done by student interns from Montana Tech and will be used to assess the effectiveness of each exhibit in terms of the understanding of concepts by visitors. These observations will be done over a period of days after each installation. This information will then be utilized to make refinements for each exhibit's set-up and signage to improve each exhibit's effectiveness as a learning tool.

The checklists will be completed at no expense by Science Mine Board members who are involved in the planning, constructing and installation of the exhibits. The formative visitor observations will be completed by Montana Tech student interns who will be paid for their internships at the Science Mine. Refinements to each exhibit based on this formative data will be included in the budget for each exhibit.

G. Project Budget

The **summary budget table on page 11** lists costs for planning, special equipment, materials, labor, monitoring and marketing for the construction and installation of each exhibit. The following **budget narrative** gives the details and calculations for the entries in the budget table. In-kind planning and design work is provided by SM Board members, as described in the Project Implementation section on page 5. Consultations on scientific accuracy and design are provided by the Montana Bureau of Mines and Geology, the Department of Geological Engineering, and CFWEP at no cost as in-kind match in support of this project (see letters of support).

Budget Narrative:

- **Overall Project Design & Planning:** in-kind match for SM Board members' time spent planning and designing over a six month period; approximately 60 hours each x 9 members x \$25/hour = \$13,500.
- **Exhibit #1- Healthy Watersheds:**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – plastic macroinvertebrate, flora specimens, maps = \$1000
 3. Materials for construction – lumber, paint, fiberglass, gravel, rocks, screws, etc. = \$1000
 4. Labor – 80 hours x \$30/hour = \$2400

5. Subtotal = \$4400 cost & \$3000 in-kind
- **Exhibit #2 – Stream Flow:**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – water pumps, filters, plumbing parts, models - \$2000
 3. Materials for construction – lumber, paint, fiberglass, plastic, tubing, sand, electrical parts, etc. = \$2000
 4. Labor – 100 hours x \$30/hour = \$3000
 5. Subtotal = \$7000 cost & \$3000 in-kind
 - **Exhibit #3 – Stormwater & Nonpoint-source Pollution:**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – topographic landscapes, plumbing parts - \$3500
 3. Materials for construction – lumber, paint, fiberglass, tubing - \$2000
 4. Labor – 120 hours x \$30/hour = \$3600
 5. Subtotal = \$9100 cost & \$3000 in-kind
 - **Exhibit #4 – Butte Groundwater**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – sand tank model, pumps, plumbing parts, tubing = \$3500
 3. Materials for construction – lumber, fiberglass, paint, electrical parts = \$2000
 4. Labor – 140 hours x \$30 = \$4200
 5. Subtotal = \$9700 cost & \$3000 in-kind
 - **Exhibit #5 – Acid Mine Drainage**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – chemicals, measuring probes and electrodes = \$3500
 3. Materials for construction – lumber, fiberglass, paint, electrical parts = \$2000
 4. Labor – 80 hours x \$30 = \$2400
 5. Subtotal = \$7900 cost & \$3000 in-kind
 - **Exhibit #6 – Dissolved & Suspended loads**
 1. Planning time – 6 people over two months; approximately 20 hours each x 6 members x \$25/hour = \$3,000 in-kind
 2. Special equipment – pH probes, chemicals, containers, etc. = \$3000
 3. Materials for construction – lumber, paint, fiberglass, electrical parts = \$1500
 4. Labor – 80 hours x \$30 = \$2400
 5. Subtotal = \$6900 cost & \$3000 in-kind

- **Student internships -**

Four students will be recruited from Montana Tech for two different types of internships.

1. **Monitoring internships** will be established for two Education majors who will monitor the interactions of visitors with the various exhibits. They will compile their observations and make recommendations for refinement of exhibit signage and equipment to improve the educational efficacy of the exhibit. One of these students will work in the winter/spring 2016 and the other in the summer/fall 2016. Each will be paid a \$1000 stipend x 2 students = \$2000. Two SM Board members will supervise these students for approximately 80 hours X \$25 = \$2000 in-kind.
2. **Marketing internships** will be established for two Business majors who will work with SM Board members to create and implement a marketing plan for the project exhibits. These internships will provide a \$1000 stipend for each of two students during the fall 2016/winter/spring 2017. Two SM Board members will supervise these students for approximately 80 hours X \$25 = \$2000 in-kind.
3. Subtotal = \$4000 cost & \$4000 in-kind.

Grant Total: Amount Requested = \$49,000 In-kind Match = \$34,000

Please note that if these exhibits were purchased from commercial vendors, the cost per exhibit would range from \$10,000 to \$35,000 each. In addition most of the commercial models would not be specific to Butte Area One. It is estimated that the total cost of commercial exhibits would exceed \$104,000. By using local talent and skill to construct these exhibits, the BNRC is realizing an approximate 50% reduction in the production of the proposed exhibits.

Summary Budget Table

Activities	Category	Cost (in dollars)	In-kind Match (in dollars)
Overall planning & design	Planning time		12,000
Exhibit #1	Planning time		3000
Healthy Watersheds	Special equipment	1000	
	Materials	1000	
	Labor	2400	
	Subtotal	4400	3000
Exhibit #2	Planning time		3000
Stream Flow	Special equipment	2000	
	Materials	2000	
	Labor	3000	
	Subtotal	7000	3000
Exhibit #3	Planning time		3000
Stormwater &	Special equipment	3500	
Nonpoint-source	Materials	2000	
Pollution	Labor	3600	
	Subtotal	9100	3000
Exhibit #4	Planning time		3000
Butte Groundwater	Special equipment	3500	
	Materials	2000	
	Labor	4200	
	Subtotal	9700	3000
Exhibit #5	Planning time		3000
Acid Mine Drainage	Special equipment	3500	
	Materials	2000	
	Labor	2400	
	Subtotal	7900	3000
Exhibit #6	Planning time		3000
Dissolved &	Special equipment	3000	
Suspended Loads	Materials	1500	
	Labor	2400	
	Subtotal	6900	3000
Student Internships	Monitoring	2000	2000
	Marketing	2000	2000
	Subtotal	4000	4000
GRANT TOTAL		49,000	34,000

November 21, 2014

The Science Mine
36 E. Granite Street
Butte, MT 59701

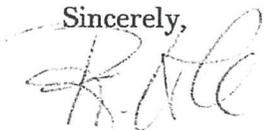
The Clark Fork Watershed Education Program (Cfwep.Org) is pleased to partner with The Science Mine for their proposed BNRC project. The Science Mine's vision of creating hands-on interactive exhibits for children and the community is exciting. As an organization, Cfwep.Org continually seeks partnerships that maximize education and stewardship in our community. Partnering with the Science Mine on this project enables us to educate Butte citizenry in an informal, experiential way.

We are committed to:

- Provide technical expertise and curricula that will inform the content of The Science Mine's exhibits.
- Provide outreach advertisement and support through our publication, The Montana Steward, our website, and our radio show.

We value this opportunity as a way for young people and community members to engage in learning about the science of our watershed. This project will connect people to the science behind restoration issues of our landscape in an informal setting. This partnership furthers our organization's goal of developing a physical location for Cfwep.Org curricula. We envision that The Science Mine will be a place we can send our students after field trips and school if they want to learn more about the watershed, or educate their family members about what they have learned. The Science Mine can be a place people visit anytime for a unique experience based on our educational programming. We look forward to working with The Science Mine.

Sincerely,



Rayelynn Connole
Director, Cfwep.Org

Pat Cunneen
Butte Natural Resource Damage Program (BNRDP)
65 East Broadway
Butte, MT 59701

11/26/2014

Attention: Butte Natural Resource Damage Restoration Council (BNRC)

As a professor of geochemistry and hydrogeology, I am well positioned to lend expertise to the Science Mine for their proposed project "*Promoting Stewardship of Water Resources Through Hands-on Science Discovery Exhibits*". When the proposed exhibits are built, it will be important to assure that they accurately represent the flow and chemistry of groundwater and surface water on the Butte Hill as well as putting an end to common misconceptions.

I agree to provide scientific guidance as the Science Mine creates models that demonstrate acid mine drainage and contaminant transport to the public. I think that the proposed hands-on displays will also complement and reinforce understanding of concepts that I strive to convey in a more formal setting.

I share the goals of the Science Mine and hope that the BNRC looks favorably on their proposal.

Sincerely,



Christopher Gammons
Professor and Head, Dept. of Geological Engineering
Montana Tech of The University of Montana
Butte, MT 59701
(406) 496-4763
cgammons@mtech.edu



Montana Bureau of Mines and Geology

John Metesh, Director and State Geologist

November 25, 2014

Pat Cunneen
Butte Natural Resource Damage Program (BNRDP)
65 East Broadway
Butte, MT 59701

Attention: Butte Natural Resource Damage Restoration Council (BNRC)

The Montana Bureau of Mines and Geology (MBMG) agrees to provide technical assistance to the Science Mine for their proposed project "Promoting Stewardship of Water Resources Through Hands-on Science Discovery Exhibits". Our role will be to share our expertise with the Science Mine and support efforts to assure that the exhibits represent groundwater and surface water relations on the Butte Hill as realistically as possible, while dispelling some of the more common misconceptions.

MBMG scientists have considerable knowledge of the Butte area geology and hydrogeology to provide sound scientific assessment of models that illustrate topographic relationship between the Berkeley Pit and Silver Bow Creek, the nature of potentiometric surfaces within the Summit Valley, and where mining-related contaminants come from and how they are transported. Of course, the decisions on information incorporated and the quality of final product will be that of the Science Mine and not of the MBMG. This kind of education will improve scientific literacy and ensure that the next generation of leaders understands our water resources.

Sincerely,

John Metesh



MontanaTech