

DRAFT
Butte Area One Restoration Project Ideas from Public

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
1	Trinity Berry, 11 yrs old 1317 Casey Street 533-8293	Fishin' Silver Bow Creek from Continental Drive all the way down. Take out contaminated tailings please! So I can fish behind my house on 1317 Casey Street!	LAO along SB Creek from the bottom of the mine to where the creek is already remediated.	mining waste removal, stream restoration, revegetation, fishing/recreation, storm water controls	Butte children in perpetuity	> \$5 Million	Workshop I 3/14/12
2	George Parrett 2812 State Street	Building a carousel that was destroyed by mining at the Columbia Gardens.	Adjacent to Chamber of Commerce or fishing pond area.	mining waste removal for const. of new carousel.	Provide a recreational site for children of Butte and surrounding area.	\$100 K - \$500 K	Workshop I 3/14/12
3	Tom Bugni Director of Skyline Sportsmen 3460 St. Ann 723-4753 491-2277	Fishing Pond by the Chamber of Commerce--10 years ago I approached Carol Fox regarding this fishing pond and the soil was tested and found contaminated, but nothing could be done back then because it was in litigation--State/ARCO	Chamber area - 2 ponds + creek exist - if cleaned it could possibly be a natural fish pond.	mining waste removal, waste cap improvement, stream restoration, revegetation, recreation/fishing	Replace the creek and ponds to benefit all of Butte-including kids. Skyline Sports would hold a fish derby every year - possibly July 3.	unknown	Workshop I 3/14/12
4	Amy Lockmer Westside HOA PO Box 302 Butte, MT 59703 491-1725	The Westside HOA has a community park area that is an old mine, the Britannia. Nothing can be built on the old mine or the surrounding area because of the mine shaft and cap. The soil does not exceed EPA limits but does not grow any vegetation (even weeds).	Britannia Blvd in Westside subdivision	waste cap improvement, revegetation	The benefits in having clean soil to the area will allow for residents and public to enjoy the area to play on without fear of being coated in chemical laden dust.	< \$100 K around 1,000 - 2,000 yards of clean soil, probably \$12,000 - \$24,000 total	Workshop I 3/14/12
5	Karen Alley 560-5628	To educate all 8th grade students on watershed and revegetation issues in Butte Silver Bow Area. Possibly in conjunction with MT Tech.	East Middle School classrooms - 8th grade - field trips to areas to revegetate + visit areas impacted by mining damage.	other - educational field trips	Educate all 8th grade students on revegetation and natural resource damage - students would take field trips to access + plant (plants acquired from State Nursery). All citizens of BSB.	unknown, < \$20 K	Workshop I 3/14/12
6	Larry Driscoll, et al East Middle School 533-2634	Establish a "People's Garden" at East Middle School. Sustainable practices such as using local mulch recycled from BSB landfill and use of gathered rainwater from East's expansive roofing system and producing locally grown items will emphasize environmental stewardship. Food donated to local food bank or sold at farmers market.	East Middle School	revegetation, recreation, storm water controls, other	Students will experience hands on activities as they "toil the soil" and learn agricultural concerns.	\$9,412	Workshop I 3/14/12
7	Butte American Legion Baseball Jack Whelan 107 Rampart 494-2542, and Michael Semmens 3416 Hannibal 533-0939	Replace Civic Center Field with full size American Legion Baseball Field. Trees, walking path	Civic Center Road	mining waste removal, revegetation, recreation, water system improvements	citizens of Butte, Butte baseball program	\$500 K - \$1 M	Workshop I 3/14/12
8	Emmett Riordan	Hook Silver Lake water to Butte domestic water system. Open up Basin Creek Reservoir for public use, recreation, fishing camping, etc.	Ramsay area - ASIMI pipeline from Silver connect to Fleecer - Big Hole line	recreation/fishing, water system improvement	excellent drinking water for Butte. Great recreation	> \$5 Million	Workshop I 3/14/12
9	Don Peoples Jr. Butte Central Education Foundation East Mercury Street	Removal of landscaped grasses around the Maroon Activity Center and replace with desert scaping. Placement of a weed barrier and placement of gravel and low water consuming trees and shrubs.	East Mercury Street	revegetation, water conservation	Decrease irrigation by 50% to 60%, thereby reducing consumption of 5 - 6 million gallons per year of Big Hole River water.	<\$100 K	via letter 2/7/12
10	J. R. Richardson Business Manager Butte School Dist. #1 111 N. Montana	Develop Recreation Area to include legion baseball field and high school softball fields	Parrot Tailings behind Civic Center	mining waste removal, waste cap improvement, revegetation, recreation, water system improvements	The youth and community of Butte. It will restore the area behind the Civic Center to provide the youth and community of Butte a much needed recreation area for legion baseball and softball.	\$1 M to \$5 M	via mail 3/14/12
11	Fritz Daily 1901 Roosevelt Ave. buttedaily@bresnan.net	Support the concept proposed by John McKee of your Committee for cleaning and restoring Butte's portion of Silver Bow Creek. I believe it is on target to have a responsibly clean and restored Butte Montana. In addition, I believe with a responsibly restored Mountain Con Mine area, it would be an excellent site for the Butte Carrousel.					e-mail 3/15/12
12	Richard Gibson 301 N. Crystal 723-9639 gibson@earthlink.net	Do a deal with ARCO whereby they pay for at least 80% of cost of removal of Parrot Tailings, Northside and Diggings East as remedy, the rest from NRD. If that is not feasible, \$32 mill probably won't be enough. If Parrot Tailings are removed, use BNRC \$32 mill to restore creek + surface in that area incl. Civic Ctr. What ever is left use for park/trail/interpretation development in LAO west of MT Street.	Parrot Tailings + other + LAO west of MT St.	mining waste removal, recreation/fishing	Restores groundwater aquifer + restores recreational opportunity.	> \$5 Million	Workshop II 3/20/12
13	Carl Hafer 6050 Porter 494-2717	I think there is a probability to do a great amount of good for this improvement of the water in Silver Bow Creek by approving the delivery of water from Basin Creek Reservoir and the Basin Creek Watershed.	From the Basin Creek Reservoir to where the water would dump into Silver Bow Creek.	stream restoration, revegetation, recreation/fishing	This would be the area from Highway 2 south of the intersection with Harrison Avenue and through the airport towards Elizabeth Warren.	\$1 M to \$5 M	Workshop II 3/20/12
14	John Chebul 494-4490	Cap all open waste areas. Plant trees and shrubs in reclaimed areas + also in parks + fields in Butte Area One.	anywhere in the priority areas	mining waste removal, waste cap improvement, stream restoration, revegetation, storm water controls	Streams + water supplies, erosion + groundwater	\$1 M to \$5 M	Workshop II 3/20/12

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15	Sharon Chebul 494-4490	Reforset with trees and shrubs in undeveloped areas. Also, in city/county parks. Soils to be capped or enhanced before planting.	Anywhere in the Butte Priority Soils boundary and beyond.	mining waste removal, waste cap improvement, stream restoration, revegetation, storm water controls	Removes potential waste. Returns areas to pre-existing conditions. Prevents run off. Aesthetically pleasing. Wildlife promotion.	\$500 K - \$1 M	Workshop II 3/20/12

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16	Jim Keane	Remove Parrott possibly with other money!! Then restore with Area #1 Money.		mining waste removal			Workshop II 3/20/12
17	Bobbi Stauffer robertastauffer@hotmail.com	Remove the most contaminated concentration of the Parrot Tailings (ballfield, short of relocating Civic Center) and work with MR to deposit them on their property (most cost effective solution)	Only move the county shops if absolutely necessary if in direct path of volumius groundwater flow. If not much water there - leave alone!!	mining waste removal, stream restoration, waste water system improvements	Will benefit all of downstream work!! Could perhaps enhance walking trail area with additional funds. Could possibly also partner w/ county to address nutrient problem from metro sewer with a portion of funds. Very important to future health of SBC. Also important to use remainder of Silver Bow Creek clean up money in the immediate are on restoration work.	unknown	Workshop II 3/20/12
18	Noor Parwena 782-3682 nparwena@hotmail.com	I want to see the groundwater and surface water of SB Creek clean enough to permanently support a healthy fishery - which means removing all tailings. Since EPA let ARCO off the hook - EPA should pay for remediation then this restoration money should be used to reveg the area. Pumping is <u>not</u> a self-sustaining remedy.	Parrott Tailings (and other if they exist)	mining waste removal, stream restoration, revegetation, fishing/recreation	Fishery, riparian, humans who love nature and clean environment, e.g. IQ > 60	more than \$5 M use EPA remediation \$	Workshop II 3/20/12
19	Noor Parwena 782-3682 nparwena@hotmail.com	It would be nice to have a program available that would provide clean soil to Butte citizens in uptown (or Flats) so they can safely grow food - community gardens would fit in this category.	Anywhere in Butte where a group wants to start a community garden (or to private gardens if feasible)		Benefits community of Butte - those people who wish to garden, eat their produce, encourage kid gardening exercise, etc.	<\$100 K	Workshop II 3/20/12
20	Noor Parwena 782-3682 nparwena@hotmail.com	Capture of sediment from "the Hill" should make more use of capturing sediment with Native veg. and use natural topography - as opposed to engineered (e.g. pipes/cement) to capture water and percolate run-off into the soil through roots.	Everything in uptown that flows toward SB Creek in addition to curbs, etc.	revegetation, storm water controls, other	Prevent sediment (contaminated water) from entering SB Creek.	unknown	Workshop II 3/20/12
21	Jim Constantine 490-7342	To convert the old reservoir on N. Excel into a winter ice park and a summer water park. This could be used 12 mo. Out of the year. Summer concerts and bike trails, picnic area etc.	Old No. Excel reservoir	revegetation, recreation/fishing, water system improvement, storm water controls, other		unknown	Workshop II 3/20/12
22	Colleen Elliot 1231 W. Quartz St. celliott@mtech.edu	Collaborate with ARCO to remove the Parrott tailings and restore natural flow to SB Creek.	Parrott Tailings, Diggings E, N. Side	mining waste removal, stream restoration, revegetation, recreation/fishing	This will protect the restored reaches of SB Creek + the UCFR from recontamination + pave the wave to full recovery of the aquatic ecosystem.	>\$5 M	Workshop II 3/20/12
23	Joe Griffin 560-6060	Re-establish native vegetation in Upper Missoula Gulch with an emphasis on trees and shrubs. Willows in the Gulch bottom, aspens in the side gulches, mtn mahogany on dry slopes, etc. Also re-establish grassy areas with local native grasses and forbes, which would reproduce grassland ecosystems found on south side of Timber Butte. This should be considered a 5 or 10 year program that would be coordinated with BRES.	Existing open space in Missoula Gulch from Lexington Mine to Caledonia Street.	waste cap improvement, revegetation, storm water controls	The idea of using local native, self-sustaining grasses is based on the concept that natives have persisted through wide climate fluctuations and should be the most reliable long term protection from erosion and stream degradation. Additionally it would provide public open space.	\$100 K	Workshop II 3/20/12
24	Spirit of Columbia Gardens Carousel Board 3100 Harrison Ave.	Requesting funds to proceed with the new carousel facility for the people of Butte.	We have lost three sites due to circumstances beyond our control.	recreation	people of Butte	\$150,000	Workshop II 3/20/12
25	Dr. John Ray 915 W. Galena bodinman2003@yahoo.com	The Parrott Tailings should be removed under the NRDP. The Parrott Tailings should have been removed under Superfund remediation but the EPA, misguidly, failed to do so. So the burden falls on the NRDP.	Parrott Tailings	mining waste removal			e-mail 3/20/12
26	Al Luebeck 2710 Amherst Ave. 494-2262	Purchase the 42 acre tract of land on the East Ridge that was the former site of a proposed tramway to the Lady Of the Rockies statue. This is a hidden gem, a green spot of open space with intact scenic and natural values close to town. If it is not placed in public ownership it will be developed for housing.	On the East Ridge at the end of State Street, one half mile east of the Burlington Northern railroad track.	stream restoration, recreation/fishing	This would benefit hikers and bikers seeking recreation and exercise in a very pleasant natural setting just minutes from town. It would replace recreational and natural resource values damaged by mining. Would protect small stream and aquifer.	\$100K to \$500K	US Mail 4-2-12
27	Lee Miller 322 N. Alabama 590-4417	Finish the walking trail off Montana Street and up to Copper (Green?) Way.		stream restoration, revegetation, recreation/fishing	Recreation improves quality of life. This priority follows goal of safe drinking water.	unknown	Kiwanis Meeting 4-3-12

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28	George Parrett President Spirit of Columbia Gardens Carousel 2812 State Street 494-2559	A beautiful handcarved carousel for the children of Butte and surrounding are. Started 17 years ago by a group of local craftsmen and woman. We continue to seek out the most beautiful area to finally locate the carousel. With your cooperation we will reclaim the land south of George Street between Montana Street and the Butte Chamber of Commerce. We will revegetate the area and construct our building on a knoll above the flood plane in the center of the area. Parking lots will be on the north and south side of the building. The walking trails surrounding the area will be restored. We have been granted access to the property by Butte Silver Bow.	South of George Street between Montana Street and the Butte Chamber of Commerce.	mine waste removal, revegetation, water system improvement, replace a small portion of the Columbia Gardens that was totally destroyed by mining, clean up the mine waste that spread into the are and contaminated the ground water.	The project will return the area to preexisting condition while enhancing recreational activities to the children of Butte and surrounding area who contributed greatly to the initial financing of the carousel with the \$10,000 dontation from their "Pennies for Ponies" project in 1997. Because of the location adjacent to Butte Chamber of Commerce and of the highway interchange, it will encourage tourists to make Butte a destination instead of just a drive through. It will be win win project for our whole community.	Estimated cost of our project is \$1,500,000 a large portion to be used to restore power, sewage, and electricity to the site.	hand delivered 4-10-12
29	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Remove Tailings: remove contaminated soils throughout BAO. Replace with clean fill dirt in much the same fashion that was done on the rest of Silver Bow Creek.	Butte Area One	mine waste removal, stream restoration, revegetation, recreation/fishing.	Contaminant removal will clean up the area directly and reduce its impact on the groundwater and down streamsurface waters for years to come. Provides for hiking, birding, fishing type recreation. This benefits the entire community and visitors, and all the communities downstream.	unknown	hand delivered 4-11-12
30	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Construct a storm water retention pond st the center of BAO. Place a storm water retention style pond with a graduated outlet located in the stream channel just before the confluence with Blacktail Creek. Maintain the retention pond as a small recreational fishing pond with make up water fed from treated water from idea #3.	Center of Butte Area One, located in the Silver Bow Creek Stream Channel just before the confluence with Blacktail Creek.	stream restoration, revegetation, recreation/fishing, storm water controls.	Provides for hiking, birding, fishing type recreation. The pond near the end provides an opportunity for sediment to settle out from storm runoff that enters the stream channel. Butte Silver Bow has very little in the way of storm water controls and this would provide a control point for a large area of town. Thus protecting and maintaining a high quality fishery downstream. Benefits the entire community and visitors, and all the communities downstream.	unknown	hand delivered 4-11-12
31	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Build a treatment facility for the groundwater in BAO. The treated water can be utilized in one or two ways. It can be discharged into the Silver Bow Creek Streambed and provide makeup water to the pond in idea #2, or utilized to irrigate parks or sports fields and remove these spaces from the city water system. This idea is tied to ide number 6 and number 7. Idea number 7 can be utilized, in part, for long term funding of treatment plant expenses.	Butte Area One	mine waste removal, recreation/fishing, water system improvementsd.	Reduce the spread of contaminated groundwater by drawing the groundwater toward the well pump. Adds water to Silver Bow Creek to increase stream flows and improve fishery. Provides irrigation water for irrigated county lands and can remove these properties from the city water system. This in turn reduces the city county's use of surface water providiing increased stream flows for local fisherues. This benefits the entire community and visitors, and all the communities downstream.	unknown	hand delivered 4-11-12

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32	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Rocker Storm Water System. Provide a stormwater system in the town of Rocker, including curb and gutter, drain pipes and retention ponds. The town of Rocker is an industrial mining town that has been around longer than the town of Butte. It has dirt streets that are lined with old railroad tracks and was once full of industrial mining activity. Rocker is also growing very rapidly, and even the newly developed areas do not appear to have any storm water controls. These dirt streets and residential and commercial lots drain directly into the newly reclaimed Silver Bow Creek affecting the fishery directly below BAO. This project would entail installing possibly 2 to 3 retention ponds with graduated outlets. These would be fed by a storm water piping system with curb and gutter directing the water into the system, as well as natural drainage ditches. see attached plat for potential lay out. The natural drainages that come through Rocker drain a large area that the retention ponds would also catch. The entire area between Big Butte and Browns Gulch drains through here, as well as the area between the old highway and the interstate. There is an old smelter along the old highway, and many many old piles of mine tailings west of Big Butte. All of this runoff comes through Rocker and should be caught before flowing into Silver Bow Creek just below BAO.	The town of Rocker	recreation/fishing, storm water controls, other: economics, community image.	Protection of the improving fishery from sediment and contaminants, from residential lots and the streets of Rocker. This will have a positive impact on the ecosystem health of Silver Bow Creek. As a launching point to our newly restored Silver Bow Creek, this will have long lasting economic impacts to Silver Bow County by creating a more inviting and aesthetically pleasing community for people to stop, eat, drink and visit their recreational activities. Rocker is the only place many travelers ever stop in Silver Bow County to stretch their legs and take a walk. It is a reflection of and many travelers first impression of Butte. This benefits the entire community and visitors, and all the communities downstream.	unknown	hand delivered 4-11-12
33	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Little Basin Creek. There is approximately 230 acres of county land that straddles Little Basin Creek Road and is bordered by Beef Trail Road and Humbug Drive. This area could be enhanced to provide protection of downstream fisheries, replacement of aquatic recreational activities such as fishing and waterfowl hunting and replacement of lost recreational activities such as hunting. This is an ideal location to provide waterfowl and archery hunting opportunities that were injured in BAO. These activities are often overlooked when considering lost or damaged resources. In fact many traditional activities such as this are often provided in replacement or reclaimed areas. 1. Retention pond for sediment. 2. Fencing, weed control, parking lot on west portion of property. 3. Waterfowl and archery deer hunting allowed with revenue going to offset cost for operating treatment plant.	Near intersection of Little basin Creek Road and Beef Trail Road. (Area West of Copper Mountain Park)	recreation/fishing/hunting, storm water controls.	Protection of the improving fishery from sediment and contaminants, from residential lots and subdivision roads. An expanded pond size will provide more fishing opportunity to replace those lost or injured. This will have a positive impact on the ecosystem health of Silver Bow Creek. This will benefit hunters by replacing a lost or injured resource. This will benefit the community by keeping wildlife numbers in check. This will benefit the entire community, visitors, and all communities down stream.	unknown	hand delivered 4-11-12
34	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Remove irrigated lands from city water system. Remove large parks or sports complexes irrigation systems from the city water system. Install wells to provide irrigation to these areas. This would provide increased stream flow for fisheries because it will reduce the demand on the city water system. as a side benefit it will also save the water department money by not having to treat water to drinking water standards just to irrigate a field. The money saved by the water department could be re-directed to expenses for the water treatment plant idea.	All over town.	recreation/fishing, water system improvement	Benefits fisheries through increased stream flows during the summer months. This benefits the entire community, visitors and all communities downstream.	unknown	hand delivered 4-11-12
35	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	BAO replacement lands north of Ramsay. There is approximately 2,185 acres of ranch land available for sale North of Ramsay. This land could be acquired primarily as a replacement of lost or injured resources, in addition to maintaining trout populations, long term support of water treatment plant. These properties contain large swaths of drainage bottoms made up of grassy meadows, much like would have existed in Butte Area One.	2 miles north of Ramsay. Flint Creek Ranch Cluster Development.	recreation/fishing, other: long term funding, protection and replacement.	Benefits fishery by protecting watershed. Provides a 4 to 1 replacement of terrestrial area of BAO. Provides long term revenue source for ground water treatment. This benefits the entire community, visitors, and all communities downstream.	unknown	hand delivered 4-11-12
36	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Replace culverts with a bridge on Pony Express Trail. Bridge provides a more natural stream bed for fish to migrate along. By removing culverts, you will improve the fishery and improve recruitment of fish from tributaries of Silver Bow Creek. Parking could be added on one side to allow people to access the small stream.	Browns Gulch Creek just above confluence with Silver Bow Creek.	recreation/fishing	Benefits fishery. This benefits the entire community, visitors, and all communities downstream.	unknown	hand delivered 4-11-12
37	Charlie O'Leary 782-6504 staghornranch@gmail.com Noorjahan Parwana 782-3682 nparwana@hotmail.com	Butte Urban Bird Sanctuary, Avian Park and Water Recreation Area. 52 acre wetland. Largest body of water in urban corridor is inaccessible due to ownership. Convert area to a public park that would provide bird watching, educational, picnicking, walking and biking opportunities in the heart of town. See Proposal...	SE 1/4 of Section 24, T3N-R8W: South of Interstate 15/90, west of Kaw Ave (aka Lexington Ave), north of Greenwood Street, east of South Main Street	mine waste removal, wetland restoration, revegetation, recreation/fishing	citizens and children of BSB	\$100K to \$500K	hand delivered 4-16-12
38	J.P. Gallagher Whittier School Principal 2500 Sherman Butte, Montana 59701 406-533-2891	Improve all green areas and recreation areas of Whittier School and Park areas. The Whittier Wildcat Garden needs a permanent fence. Park area needs improvements including fence repair and improve green area. All playground equipment needs repair and upgrade.	1 full city block surrounded by streets Ottawa, Sherman, Yale and Sheridan.	other	The whole community of Butte would benefit from this project. The park and playground equipment are used year round by the community. The garden educates and improves the Whittier School and surrounding community.	< \$100K	USPS 4-12-12

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39	Butte Urban Forestry Board Janel Madrazo, Chairperson George Everett, Sharon Chebul, Mark Syverson, Charlie O'Leary, Phil Cammack, Chris Douglass 723-0217	The B-SB Urban Forestry Board was created in June of 1989 by Ordinance #354 which states, "The objective of the Board is to establish a local Urban Forestry Program designed to mitigate past mining and smelting damage to native and ornamental trees and shrubs through the planting of trees and other vegetation, especially in those areas where the damage is most evident." An area where damage is evident is McGruff Park located just west of Shields Ave. near the headquarters of Montana Resources, and immediately adjacent to the Butte Area One boundary. McGruff Park is 2.3 acres and has only 15 on it and a couple of shrubs. Runoff from the park flows southwesterly directly towards the site of the Parrot tailings. Increased vegetation in the park may reduce the storm water runoff and the groundwater flows toward the tailings. The park could use 30-50 more trees and some perimeter shrubs and hedges. Currently there are no trees in the area of the skateboard park. This board also wrote a letter of support dated April 4th for the B-SB "Butte Tree Planting Project: Species Diversification on the Hill."	McGruff Park	revegetation, storm water controls.	entire Butte community.	< \$100K	hand delivered 4-12-12
40	Butte Restoration Alliance	Provide alternative water sources at several mine yards that have been re-developed to provide recreation and open space opportunities. The project would complete a study to determine if a clean water source would be available to drill a well to irrigate reclaimed mine yard areas. If clean water was able to be utilized on-site the project would drill and develop an irrigation system in the mine yards. Park areas such as Stodden Park use on-site wells to irrigate park areas to reduce overall park operation costs and the reliance on Big Hole River water. Using on-site water for irrigation would allow for improved plant growth and additional vegetation to be planted on the mine sites to enhance restoration activities and improve recreational opportunities by making more areas of the mine sites available for recreation use. Improving vegetation growth would improve waste caps placed in the mine yard areas.	Mountain Con, The Original, Stewart, Anselmo and other mine yards identified for restoration and development.	waste cap improvement, revegetation, recreation/fishing.	Overall the project would benefit the entire community of Butte as it would provide additional restoration of mine yard vegetation and reduce the reliance on Big Hole River water which increases the operation costs to maintain the mine yards.	\$100K to \$500K	email 4-20-12
41	Butte Restoration Alliance	Removal of the Parrott Tailings should be considered remedy and not restoration. Since the ROD was issued, a significant amount of new data has become available which questions if the selected remedy for this area was correct.	Parrott Tailings	mining waste removal	This project would benefit the entire community of Butte as it would protect soil and water quality from future contamination with the removal of the Parrott Tailings. The project would ensure surface water quality is preserved along with intermediate alluvial aquifer. Based on recent studies removal of the Parrott Tailings would keep the plume from migrating further and contaminating down gradient surface and groundwater.	>\$5M	email 4-20-12
42	Butte Restoration Alliance	The Blacktail Creek Restoration Project would implement recommendations from the 2005 Silver Bow Creek Watershed Restoration Plan and 2009 Current Status of Blacktail Creek Recommendations for Habitat Improvement, and Suggested Implementation Plan. Blacktail Creek habitat is identified in Table 8.1 as Final Ranking #4 and #16 in the Silver Bow Creek Watershed Restoration Plan. It would also replace lost recreation opportunities by providing public access to portions of Blacktail Creek owned by BSB by constructing a trail and interpretation system beginning at the north end of the Butte Country Club and continuing south to connect with the Continental Drive trail near the High Altitude Speed Skating Center. The project would implement recommendations from the 2009 study related to improving substrate quality, improving stream flow conditions, addressing fish barriers, improving land use practices, increasing woody plant densities within the riparian corridor, and physically manipulating the channel. BSB has 11 acres open space on the south boundary of the Country Club. The long term plan with the acquisition was to protect the riparian areas and provide a public walkway and interpretation areas along the creek to connect the Continental Drive Trail. BSB has additional open space parkland to contribute to this project.	Blacktail Creek from Nine Mile (junction of MT Hwy 2 and Continental Drive) to Silver Bow Creek.	stream restoration, recreation/fishing	The project will benefit Blacktail Creek and implement recommendations from the 2005 Silver Bow Creek Watershed Restoration Plan and 2009 Current Status of Blacktail Creek, Recommendations for Habitat Improvement, and Suggested Implementation Plan. It would provide restoration of the fishery habitat, stream flow, stream function and habitats. Working closely with the landowners to make improvements without significantly impacting private land activities would be a primary objective. Overall the project will benefit the entire community of Butte as it would restore Blacktail Creek to improve fishery/riparian habitat and replace lost natural resource recreation opportunities for the community. It would also provide connectivity to the restoration of Silver Bow Creek.	\$100K to \$500K	email 4-20-12

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43	Bob McDonough 406-491-1805	My property is located south and west of KXLF TV and Summit Beverage--see attached map. There is a storm water culvert that comes off the Butte Hill and dumps onto my property; from there it runs free through my property. I have talked to ARCO, EPA, and Butte-Silver Bow for years about this problem to no avail. I ask your agency to take a look at this and fund a plan to correct this problem. I can meet your members to show them the site anytime.	McDonough Property 1015 S. Montana Street				hand delivered 4-19-12
44	Brendan McDonough 1911 Argyle Street Butte, MT 59701 bmcdonough@bresnan.net	Address two issues: first, storm-water run-off from the Butte Hill onto private property owners. My parents own property at 1015 S. Montana St. has a storm-water ditch that was diverted onto them and not free-flowing, and it needs to be addressed...I would ask this plan at least lay out the process for everyone in Butte-Silver Bow that owns private property that is affected by storm-water run-off that they neither created nor facilitated. I would also like to strongly encourage the removal of the Parrot tailings from their current location and deposited in the Opportunity Repository. These tailings must be removed and the area remediated to promote health, public safety, a healthy watershed, and economic development in our area. I am strongly opposed to giving the entire fund of money towards the effort of revamping Butte-Silver Bow's water-system as is being proposed by the Butte-Silver Bow Public Works Department.					hand delivered 4-19-12
45	Kathleen Hadley National Center for Appropriate Technology P.O. Box 3838 Butte, MT 59701 494-4572 kathyh@ncat.org	NCAT proposes a pilot project which would provide the citizens of Butte tools they need to help restore Butte's surface, groundwater and vegetation resources. NCAT will provide a series of educational workshops, trainings and demonstrations where local citizens could learn how to implement water and soil conservation methods in their homes and businesses. NCAT proposes to offer five natural resource educational and demonstration opportunities with the goal of enlisting at least 500 - 1,000 community members in one or more of these opportunities: 1. Community Rainwater Catchment: a series of classes to teach how to save, hold and use rainwater for everyday uses as well as for gardening purposes during the driest of summer months. Purchase 55 gal. rain barrels and offer to those attending workshop. NCAT will then offer technical assistance and expertise so that the systems may be properly set up and maintained.... 2. Home Water Conservation Kits: NCAT will distribute kits to homeowners, renters and small businesses to help Butte citizens reduce water use in their households. Kits include a short publication explaining the basics of home and business water conservation practices and the simple tools that are easy to install like low-flow showerheads and faucets. 3. Community Composting: Similar to our community rainwater catchment project, the community compost project would use existing facilities at NCAT to offer workshops to community members on how to properly compost food and yard wastes in Butte, and how compost can aid not only in waste reduction and soil improvement but in water retention and control. Community members will either receive help in setting up their home-scale thermophilic compost or vermicompost bins, or they will be enrolled in a program to drop off compost wastes at NCAT, which will quickly become compost that will be made available to the community participants for their lawns and gardens. 4. Community Demonstration: Native Shelterbelts Around NCAT: It does not take a landscape architect or native plant specialist to see that there are very few remaining native shrubs, trees and herbaceous species in Butte's landscape. By putting a shelterbelt consisting of native shrubs and trees around NCAT's properties, we will be working towards the creation of a native ecosystem that will attract beneficial micro and macro organisms and that will not require additional care and irrigation after the initial set up. This shelterbelt could serve as a microcosmic example of Butte's original landscape, and we have a unique opportunity to educate community members on our native ecosystem through interpretive signage and through tours and workshops. This would also complement the youth fishing pond project that will be adjacent to the eastern boundary of NCAT property and will add to the educational experience of an agriculture/wildlife interface for residents who utilize the youth fishing pond and/or the small scale intensive agriculture training program at NCAT. 5. Community Demonstration: Xeriscape on NCAT's Front Yard: an xeriscape is an alternative landscaping system that relies on native plants and design techniques that use natural resources, so that the landscape requires very little attention and little or no irrigation. We propose that the grass will be replaced by native prairie grass that has much deeper roots effectively requiring no watering during the summer and acting as a natural form of soil tillage. A meadow of native herbaceous species and pollinators will be incorporated into the landscape effectively attracting beneficial butterflies and bees while also building an aesthetically pleasing landscape that not only requires little irrigation, but conserves water. These five projects are utilitarian in nature. They provide opportunities for Butte community members to get involved with and help to restore the damaged natural resources within the community by taking actions within their own home or business to: reduce water consumption, reduce the storm water load, improve community soils and participate in creating a healthier environment for the community.	The project is the entire Butte community, training location is at NCAT, 3040 Continental Dr.	revegetation, water system improvements, storm water controls, other-soil improvement		\$100K to \$500K	hand delivered and e-mailed 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
46	Kevin D. Curtis 1117 N. Emmett Butte, MT 59701 782-4149 kandacurtis@yahoo.com	Butte-Silver Bow spend \$5 Million in power bills to heat and light our school and government buildings. That's \$5 Million of tax payer's money sent directly out of state each and every year. And that number will rise every year as power becomes more expensive. The BNRC should spend the restoration money in a way that would benefit Butte in perpetuity. The money should be spent to buy and install wind turbines on reclaimed land in and around Butte. The energy created would totally offset the massive power bills and free up millions and millions in tax dollars that would otherwise go out of state. After six years the project would recoup all costs and profits would be realized. During the first six years Butte-Silver Bow will be saving \$5 Million a year in power bills freeing up tax dollars to spend on infrastructure, clean-up, health programs, or whatever the people decide. After the initial six years, in addition to no power bills, Butte-Silver Bow would see huge profits which could be used to lower taxes, improve the water system, attract new business, and improve schools. The profits also could be used for clean-up projects for ever. This is an idea that will benefit Butte-Silver Bow in perpetuity. I have seen this very idea work first hand in Denmark, where many municipalities have invested in themselves this way with great success. This idea, in my opinion, would be the best bang-for-the-buck. This ia an idea that would serve us well for the next 100 years and longer as the benefits snowball.	All of Butte Area One	other	All of Butte will benefit. The idea creates millions of dollars for Butte-Silver Bow.	more than \$5 M @ \$30 Million	hand delivered and e-mailed 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
47	Robert E. Olson 617 N. Henry Butte, MT 59701 560-3791	To clean up the Blacktail and Bell Creek area by Father Sheehan Park to restore an area that has been constantly used and abused for many years. I would like to return it to or closely to its origin.	Just off Interstate 90/15 close to the Butte Plaza Mall	stream restoration, revegetation, recreation/fishing, water system improvement, storm water controls	Project benefits are priceless any time you repair and restore something to its origin. Everyone would benefit and because of its location it is seen by everyone traveling by.	\$100K to \$500K	USPS 4-19-2012
48	Robert E. Olson George Grant Chapter of TU 617 N. Henry Butte, MT 59701 560-3791	I would like to see a fish pond on Grove Gulch. I would like to incorporate bike trails and connect those trails to others in the area. The pond itself would be a kids fishing pond and would be stocked on a yearly basis. I would like to reclaim the area back. Clean up all of the contaminated area. Return it to a more natural state.	This pond is located west of Copper MT Baseball Fields. The pond is in Green (Grove) Gulch.	mining waste removal, stream restoration, revegetation, recreation/fishing, storm water controls	Would hope that it returns that area to its original condition before mining and all of its continuing issues.	\$500K to \$1M	USPS 4-19-2012
49	Robert E. Olson George Grant Chapter of TU 617 N. Henry Butte, MT 59701 560-3791	To totally restore the area where groundwater has been an on going problem. By re-doing this area we could improve water quality that follows down the corridor.	This area is swamp area just south of I-90/15 between Kaw and Oregon Ave.	mining waste removal, stream restoration, revegetation, recreation/fishing, storm water controls	The project is in the heart of the Butte Area. It is what everyone driving by sees when they travel by and hopefully stay in our community.	\$500K to \$1M	USPS 4-19-2012
50	Norman DeNeal 2001 Porter Avenue Butte, Montana 59701-6243 723-6656 normandeneal@hotmail.com	Prototype Phase II Restoration of Mine Covers. A prototypical native restoration of a mine cover to illustrate what a mine cover could naturally look like 50 - 100 years from now. (Four page proposal with detailed map and budget).	The 6.26 acre Parrot (Mine) south slope mine cover next to the present Helsinki Bar. The cover is east of Arizona Street to east of Covert Street and north of Granite Street and north of Broadway.	waste cap improvement, water system improvement, storm water control, recreation and possible later historic interpretation	Restoration of native landscape that existed before mining, only native plants, refuge for browsing animals, a prototype for other covers, provide better water retention and less run off...	\$206,823.09	hand delivered 4-19-12
51	Jim Rickard and John Riordan Business Agent Int. Union of Operating Engineers local 400 58 W. Quartz Butte, MT 59701 723-7921 luoe400butte@mt.net	World Museum of Mining: the museum does not have adequate facilities to accommodate visitors during the peak season, as a result, improvements to the existing sanitary sewer system and parking lot area are proposed. These improvements will allow the WMOM to provide more reliable services to its visitors while also improving water quality through the removal of historic drain fields and retention of runoff peak flow. Details of the proposal are included along with a cost estimate. The WMOM has City water available; however, due to distance and grade issues it is currently not connected to the Butte sanitary sewer system. Upgrade consists of 3 pre-cast concrete restroom units, underground plumbing from restrooms to a central location, an Orenco Effluent Sewer System, an effluent line to the nearest BSB sanitary main, decommissioning the existing septic system. WMOM access roads and parking lot are unpaved, leading to drainage problems and erosion in the area which eventually reaches Silver Bow Creek. In order to eliminate the issues paving the parking lot and installing curbs/gutters and ditches to route storm water to a central detention pond are proposed.	World Museum of Mining	water system improvement	Protects Silver Bow Creek	\$100K to \$500K Sanitary System \$316,231.0 Parking Lot 47,547.00 Eng. + cont. \$36,377.80 each total = \$436,533.60	hand delivered 4-20-12
52	Steve McGrath Interim Greely Neighborhood Community Coalition 2601 Grand Ave Butte, MT 59701 406-422-3253 smcgrath@mtech.edu	To remediate, restore and revitalize the portion of Horse Canyon Creek. Historically this creek carried Montana natural drainage waters as a tributary to Silver Bow Creek. Remediation: testing for and removal of contaminated soil as a part of WSSOU/SBC/Butte Area Superfund site. Restoration: replacement of contaminated soil with soil that is conducive to healthy vegetation and introduction of native planting with additional landscaping which will protect the structural integrity of Farrell Street. Revitalization: building a View Point Park on the east remnant of Farrell Street, the street that leads to the Columbia Gardens. A site where un-obstructive signage similar to that located at other restoration sites...	Horse Canyon Creek adjacent to Farrell Street, on the eastern side beginning at Texas Street and continuing on to Continental Drive to Grand Ave. West and East of the BNSF railroad track, east of Continental Drive. This distance is approximately 1.5 miles.	mining waste removal, waste cap improvement, stream (bed) restoration, revegetation, storm water controls, other	Proposal would benefit the Greely neighborhood Community and the entire Greater Butte Silver Bow Community by: removing contaminated soil, native plants to restore area, creating a greenway promoting cooperative living space between active mining operations and residential neighborhoods.	\$100K to \$500K	hand delivered 4-20-12
53	Hoffman Families 490-0772 dhoffman@cccscorp.com	Remediation and restoration of the North Side Tailings by removing the contaminated soil. To protect children from harmful effects of heavy metals and other toxins. Children in the area have for generations used this area as a Moto-Cross or BMX Track. The children also revert to using the Diggings East Tailings as a track. At the very least a sign should be placed in the area warning the children and parents of the potential harm present in the area. Area residents use the area as walking and dog walking trail.	The land north of George Street, south of Casey Street and east of Kaw Ave.	mining waste removal, waste cap improvement, revegetation, storm water controls	the neighboring community and Butte residents in general, prevent run off/groundwater from reaching SBC/Belle Creek, area residents would not be subjected to harmful dust produced in this area.	unknown	hand delivered 4-20-12
54	Deeanna Queer, Travis Hettick, the Steele Family, KOA Kampgrounds - Butte 490-5758 dhoffman@cccscorp.com thettick@cccscorp.com	Remediation and restoration of the Diggings East Tailings by removing the contaminated soil. To protect children from harmful effects of heavy metals and other toxins. Children in the area have for generations used this area as a Moto-Cross or BMX Track. The children also revert to using the North Side Tailings as a track. At the very least a sign should be placed in the area warning the children and parents of the potential harm present in the area. Area residents use the area as walking and dog walking trail.	The land south of George Street and east of Kaw Ave.	mining waste removal, waste cap improvement, revegetation, storm water controls	the neighboring community and Butte residents in general, prevent run off/groundwater from reaching SBC/Belle Creek, area residents would not be subjected to harmful dust produced in this area.	unknown	hand delivered 4-20-12
55	Deeanna Queer Interim Greely Neighborhood Community Coalition 2601 Grand Ave Butte, MT 59701 406-490-5758 dhoffman@cccscorp.com	Construction and/or replacement of storm water system, curbs and gutters in Greely Area. This area is in dire need of a storm sewer system. A neighborhood study on the Greely Area in 2010 cited: "Greely area lacks adequate storm water collection system. The streets are paved, but do not have curb and gutter throughout most of the neighborhood. There are random sections of curb but not enough to effectively collect or distribute storm water. The area is predominantly flat and the undirected storm water ponds in the graveled boulevards until it is absorbed in the gravels or evaporates." This particular area is in close proximity to Silver Bow Creek. The existing system possibly ties into the Silver Bow Creek. The additional water collects as surface water, and seeps into groundwater, due to the inadequate storm sewer system, should be additional water flow that is incorporated into the Silver Bow Creek.	east of Texas Ave., west of Continental, south of Farrell St., north of grand Ave.	storm water controls	protect the Greely area residents by distributing storm water properly, which will eliminate the pooling of surface water in neighborhood resident's property causing premature rotting and general damage, prevent further damage to the area road systems, eliminate additional contaminated ground water.	unknown	hand delivered 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
56	Kristen Snyder Douglass MT Tech	Continue funding of the project "Restoring Native plant diversity in the Upper Clark Fork Basin; a demonstration project using novel techniques to produce sustainable and weed resistant natural plant communities." we will finish the demonstration project December 2012 and submit a final report. In 2013 we will begin full application of the project. this project will help stabilize the caps reducing the movement of sediment and mine waste contamination into surface water. This project was funded in 2008 by NRD for three years. Primarily because of much reduced expected costs of soil, and successfully redirecting that money toward salaries, we are able to extend the project through year four, December 2012. We hope to extend the project for at least another ten years. Goals: Dispersal Islands with and without forb sods--to establish sources for native plant diversity, 14 sites prepared during past three years, Forb Sod Production--enables us to abate young plants through early stages of establishment, produces an immediate meadow to produce/disperse seeds into adjacent areas and increase diversity of vegetation, Seed Collection--have collected seeds locally from 130 species of forbs, 38 species of shrubs, 7 species of trees, and 20 species of grass over the last four years, Breaking Dormancy of Collected Seeds--stratification and/or scarification of seeds, most seeds are planted individually into pots so they can be transplanted later, Forb Orchard and Shrub Nursery--established an orchard of forbs and shrubs to produce seeds that are easier to collect, orchard has been in production for two years with 56 forbs and 10 shrubs present, will continue to increase size in the future, Increased facility temporary greenhouses built to overwinter 1250 forbs and 1200 shrubs. Future Plan: Forb Sod--continue to produce forb sods, 30 one meter square sods twice per year. Also produce outside forb sods and direct seeding--will decide which is most successful. Seed Collection--will continue to look for new populations adapted to our climate. Forb Orchard, Shrub Nursery--BSB is cooperating to expand orchard and start a nursery so we can provide plants that several years old. Match I will continue to direct the project with my time as matching value, MT Tech will continue providing the green house, lab building and space for sods and orchard and continue to provide O&M for greenhouse, and provide a truck. Budget requirements: Full-time project coordinator to maintain greenhouse seed collecting/treatment, build sods and maintain orchard and nursery. Soil, commercial seed, watering devices, misc. hand tools.	on "caps" and disturbed areas as coordinated by BSB	waste cap improvement, revegetation, storm water controls	Will lead to reduced sediment to storm H2O, will help protect the caps by reducing erosion, will promote greater stability and healthier ecological function.	\$1M to \$5M over 10 years	hand delivered 4-20-12
57	Dave Palmer 2217 N. Main Walkerville 490-3964	Recontour the Alice Pit, partially backfill it, install a liner, fill it with Moulton Reservoir water, plant native fish, landscape it and you have turned a real eyesore/safety hazard which was caused by post mining activity into a good looking, family-friendly recreation/fishing area. Presently we have an area with a fence that says danger keep out! Why not have a fenced area that says welcome-enjoy your day!! Excess pretreated water could come from Moulton Treatment Plant into the Alice Pit and then if needed could be piped back into the treatment plant to be reused by the city. A win-win situation for the water division and the city. A walking trail should be installed on the outer rim of the pit which would connect the scenic trail already on the knob to the walking trail which now ends at the Granite Mt. memorial site.	The Alice Pit - right off Main Street in Walkerville.	mining waste removal, waste cap improvement, stream restoration, revegetation, recreation/fishing, water system improvement	All residents could enjoy a nice picnic/fishing area. This would replace lost opportunity to fish Silver Bow Creek. It would also turn an unsightly pit into a useable venue.	\$1M to \$5M	hand delivered 4-20-12
58	Mary Kay Craig 518 W. Granite Butte 723-3851 marykaycraig@bresnan.net	Restore Silver Bow Creek through town to a natural (not pit & lake) fishery, including benthic organisms & aquatic insects. Bring fishery quality water from top reach of SB Creek above Moulton Reservoir to Texas Ave, or if unable to capture adequate water, bring Silver Lake water to SB Creek at Texas Ave.	LAO, Texas Ave to Blacktail Creek	mining waste removal, waste cap improvement, stream restoration, revegetation, recreation/fishing, water system improvement, storm water controls, other-Parrot Tailings removal and remediation.	All future Butte youngsters, families, fishery and aquatic resources, and Butte image all benefit. Economic development is more viable in a more livable city. Homes and businesses nearby become more valuable.	more than \$5M	hand delivered 4-20-12
59	Mary Kay Craig 518 W. Granite Butte 723-3851 marykaycraig@bresnan.net	Restore a clean and healthful environment (non-toxic ambient AQ) on the Butte Hill by preventing mobilization of "contaminants of concern" and crystalline silica glass from Historic Mining landscape east of Granite Mountain Memorial. Minimize damage to lungs in windy events by soil caps where contours allow. Also cap waste dumps west of Missoula Gulch that appear to be overlooked by EPA's remedy. EPA/ARCO do caps. NRD plant to minimize erosion.	East of Granite Mountain Memorial. Portions of Missoula Gulch.	waste cap improvement, stream restoration, revegetation, water system improvement, storm water controls, other - air quality restoration.	Contaminants of concern reside with crystalline silica glass in Butte. All potentially cause excess mortality from Butte through Deer Lodge wherever our mine waste goes (CDC data). Human health of present and future generations benefit from this project, esp. those of lower income people on the Hill.	unknown	hand delivered 4-20-12
60	Mary Kay Craig 518 W. Granite Butte 723-3851 marykaycraig@bresnan.net	Stop organic contaminants from entering S.B. Creek near Montana and Front Streets by excavating and removing the buried petroleum type contaminants dumped south of the Holland Rink by the ACM in about the 1930's according to old-timer employees of ACM. Such have been recently identified through hydro-centrifuge device.	Area below the old Holland Rink (south of current Safeway Store).	mining waste removal, stream restoration	Downstream humans and fishery benefit when toxic chemicals are stopped from entering the waterway/groundwater. Potentially less disease.	unknown	hand delivered 4-20-12
61	Pat Shea Bert Mooney Airport Butte, MT 494-3771 patshea@butteairport.com	Restore basin Creek through airport authority property at Bert Mooney Airport. Remove areas where water ponds up on airport property.	Basin Creek from south of Shoe String Any to K-Mart.	stream restoration	benefits a native westslope cutthroat stream. Restore trout habitat for spawning area and provides improved conduit of instream flow to reach Silver Bow Creek.	\$1M to \$5M	hand delivered 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
62	Keith Ingram 1115 Missouri Butte, MT 59701 723-5262	To properly test and evaluate problems such as mine waste on sight. Rocks, cement, deteriorating wrap-wrap system and removal of such now that the storm water drainage has been rerouted out of this area. Contour the east portion of the lot to properly deal with storm and melting water in this area and also water draining of the capped in place contaminants in the adjacent lot. As this water runoff us going into an 18" plugged culvert that runs under the capped and active railroad property and the water is left to soak into the soil it is not making its way to the ponds for proper testing. Rapid Survey Group was hired by my insurance company to do an exterior-observation report on my home (see document 15 and pictures 13 \$ 14). They declined to continue insurance coverage. I informed them that the vegetation and dried grass was not on my property she said I should get it taken care of and send the bill to the owners. Since 2007 I have had numerous conversations with the commissioner for that district (Dan Foley) Mr. Moody (Weed Board) Mark Wilcox (Code Officer). The latest being Mr. Wilcox who last year in the middle of May said it would be dealt with with nothing done. I talked with him a week ago and he stated they were able to take care of the west portion but with all the above problems need assistance to prep the property for easier cutting.	This is regarding property located adjacent to my property located at 800 S. Alabama, Butte, MT. (See attached documents 6-11). The property (see documents 3-5) has been transferred to BSB along with the maintenance issues included in ownership.	mine waste removal, waste cap improvement, revalidation (somewhat), storm water controls, fire hazard prevention		less than \$100K	hand delivered 4-20-12
63	Skyline Sportsmen Assoc.	Would like to see pond area behind Chamber of Commerce Building, on both sides of highway cleaned of heavy metal deposits.		mine waste removal, revegetation	Benefits - Public - may stop these heavy metals from possibly entering nearby creeks.	unknown	hand delivered 4-20-12
64	Skyline Sportsmen Assoc.	Plant native grasses, plants and trees in the park area and around the proposed Public Fish Pond to be built behind the Hillcrest School.		revegetation, recreation/fishing	Benefits public, will enhance proposed public fish pond and park area.	unknown	hand delivered 4-20-12
65	Skyline Sportsmen Assoc.	Develop fishing pond/swimming hole in the pond area behind the Butte Plaza Mall.		recreation/fishing		unknown	hand delivered 4-20-12
66	Les Castern	Clean up and plant native grasses, plants and trees around the stormwater ditch and pond at the end of Utah Street - near the walking trail - also any and all such storm water ditches dumping water into the creek.		stream restoration, revegetation, storm water controls	benefits public	unknown	hand delivered 4-20-12
67	John Trudnowski jtrudnowski@wet-llc.com and Les Castern for Skyline Sportsmen	Restore and develop area, pond south of Butte Chamber of Commerce. Make pond into kids fishing pond.	sw of Butte Chamber of Commerce	mining waste removal, stream restoration, revegetation, recreation/fishing	Benefits citizens of Butte. Will replace lost fishing resources and provide public park.	\$500K to \$1M	e-mail 4-20-12
68	Rob Baker (Baker Auto) and Steve Stosich 60 Orofino Gulch Butte, MT 59701 782-5292 533-8392	We are attempting to get 2 softball fields built for Butte High School. Rob Baker of Baker Auto has offered land to School Dist. #1 for the construction of these fields, 2 to 4 acres. Site prep and excavation of planned site.	It is east of Kaw, north of Cobban, and south of Marcia. It lies behind Baker Auto.	mining waste removal, revegetation, water system improvements, storm water controls	Students of Butte High School and its softball program. Will replace a large vacant area with a useful sports facility that is much needed by Butte.	site prep/excavation = \$100K to \$500K, Total Construction = \$1.5M to \$2 M	hand delivered 4-20-12
69	Don Davis Northwest Little League 555 Edison Butte 723-5350 ddavis_6@bresnan.net	Culvert/trees/vegetation to prevent potentially contaminated run-off from getting onto our children's play area. Storm water run off erodes the north side of the field. This then washes onto the field.	Jim Scown Field on Caledonia St.	revegetation, water system improvements, storm water controls		less than \$100K	USPS 4-23-12
70	Don Davis Northwest Little League 555 Edison Butte 723-5350 ddavis_6@bresnan.net	Culvert/trees/vegetation to prevent potentially contaminated run-off from getting onto our children's play area. The south field floods out every year because of Missoula Gulch run off.	Missoula Ave. Baseball Fields	revegetation, water system improvements, storm water controls		less than \$100K	USPS 4-23-12
71	Marty Daily 498-5617 martin.daily@northwestern.com	To remove/clean up mine dumps along Moulton road, up past BSB Water Facility. Mine dumps are an eyesore, and they are located at the head of the drainage that runs into Browns Gulch then Silver Bow Creek. There is one on each side of the road about a half mile past the water plant. They are also hazardous to road traffic as they attract motorcycles and 4-wheelers.		mining waste removal, storm water controls	Mine wastes are located at the head of the drainage that eventually gets to Browns Gulch Creek.	less than \$100K	relayed via E. Riordan e-mail 4-23-12
72	Dr. Ragan Callaway ray.callaway@mso.umt.edu 406-243-5077 and Giles Thelen giles@mso.umt.edu 406-243-5935	Promoting Native Plant Diversity in the BPSOU. Our group has been working to promote native plant diversity in the BPSOU through a combination of strategic seeding, use of weed-resistant native species, and diverse mixes of appropriate native species. We are proposing to expand the area to which we apply our successful revegetation approaches and coordinate the expansion with new techniques developed at the U of M. Goals: restore areas to pre-mining condition, protect water/wildlife resources, resist invasion of unwanted species, use Biochar and solarization for max results.	concentrate efforts in the BPSOU	waste cap improvement, revegetation	Improves overall health conditions of the system. Roots of this divers assemblage will increase the productivity of the soil. Controls weeds, no watering, self-sustaining.	\$190K for 10 years	e-mailed 4-20-12
73	Tom Malloy B-SB County	Determine Maximum Feasible Beneficial Use for Surface and Near-surface Water Bodies in and around Butte.	Bodies of water in Butte-Silver Bow County	stream restoration, recreation/fishing, storm water controls	General citizenry of Butte	\$285K	hand delivered 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
74	Elizabeth Wasson onthedivide@rocketmail.com 406-565-6735	Establish a Watershed Stewardship Program to educate and engage landowners in restoration of the restoration of Silver Bow Creek through providing information, training and incentives for installing native landscapes, rain gardens, reducing turf area, controlling run off, marking storm drains, providing proper disposal of household hazardous wastes and other activities that mitigate urban and industrial impact on water quality.	Spaces in and around Silver Bow Creek	mining waste removal, revegetation, water system improvements, storm water controls, community involvement	Public- through improving water and air quality, restoring native landscape, enhancing habitat, and community understanding and ownership of watershed integrity. Consistent with SBC Restoration Plan.	\$224K	e-mail 4-20-12
75	Dr. Kelly Dixon The University of Montana Kelly.Dixon@mso.umt.edu	Develop local partnerships and educational opportunities to update existing architectural surveys, document and restore elements of mine yards, , develop interpretive signage, explore potential for compatible public uses of historic buildings, sites, structures and develop long-term archeological research related to topics such as human-environment interactions and human ecology.				\$100K to \$500K	e-mail 4-20-12
76	Susan Mackey completestreets4butte@gmail.com	Connecting and adding to the trails from around the Chamber of Commerce to those that lead to Ramsay. Join future trails and greenways-essentially connecting neighborhoods and the Butte community.	anywhere roadways/trails are built or reconstructed, looking at existing trails in particular.	recreational/fishing	the local community by restoring recreational opportunities of Butte Area One.	unknown	e-mail 4-20-12
77	Mike Flanick PO Box 37 Ramsay, MT 59748 533-9530	Public education signs with specs, data and information at trails, streets, sites all along Silver Bow Creek.	throughout BAO	other - educational	BAO by creating Public Awareness.	<\$100K	e-mail 4-20-12
78	Kumar Ganesan Montana tech Kganesan@mtech.edu	Perform evaluation of "Hydro-dynamic Devices" and see its impact on the restoration efforts on Silver Bow Creek.	Civic Center Area, Missoula Gulch Area	stream restoration, storm water controls	the restoration of Silver Bow Creek, the general public have a healthier creek running through town.	Phase I <\$100K Phase II and III \$100K to \$500K	e-mail 4-20-12
79	Fran Doran and Neal Egan 900 W. Silver, 782-0793 fdoran@bresnan.net Barb Kenison, 901 W. Silver 782-6841, bkenison@bresnan.net	Build an urban forest and recreation area in the old East Side neighborhood previously destroyed by years of railroad and mine waste. Treated Berkeley Pit water could bubble through the park and through Parrot Flats on its way to Silver Bow Creek. Use old railroad roundhouse as a museum/interpretive center. There is over 50 acres in this area that could be the site for The Lady of the Rockies Tram, the Carousel, MHSA compliant softball fields, lighted walking trails, a fishing pond and a much needed water park...	Area south of Belmont: 50 acres owned by BN, MSE and BSB and small amount of land privately owned.		Creates a major regional forested recreational area with multiple uses. Area is adjacent to low income and special needs housing offering recreational opportunity close to their neighborhood.		e-mail 4-18-12
80	Judy Kruzich and Pylis Hargrave Butte Spay/Nueter Task Force	Incorporate a dog park into one of the restored lands in the Butte area. Decomposed granite is the most durable dog park surface. Potential sites need to be a minimum of 2 acres. Suitable sites Bonanza Dump on South Excel, Travonia Mine area and Cinder Field.	Bonanza and Travonia mine areas on South Excelsior or Cinders Field	recreational	Central Butte has small yards, city parks have ban on dogs--provide recreational opportunity for BAO citizens and visitors	\$100K to \$500K	e-mail 4-18-12
81	James Cornish james.cornish@mse-ta.com Kris Douglass	MSE-TA and the native Plant Diversity Group from Montana Tech will collaborate in the development of and potential commercialization of soil-free grass/forb/shrub mats for establishing metals/acid-tolerant native plant communities in the Uplands of the Clark Fork River Basin.	BPSOU/Area One east of Main St and north of Park St.	waste cap improvement, revegetation, storm water controls	enhanced reduction of exposure pathways, self-sustaining native plant community in harsh sites, erosion control	<\$100K	e-mail 4-18-12
82	Marcee Cameron marcee.cameron@mse-ta.com	Placement of heated structure within the Whittier Garden to serve as a year-round greenhouse and meeting area. Native plants would be grown and made available to the community along with planting/growing information as well as assistance from the Garden Club members.	Adjacent to Whittier School on the George Parrot Field	revegetation, other: community education	Community members and garden club members will benefit by understanding requirements of native soil/climate.	<\$100K	e-mail 4-18-12
83	Kathy Jangula tkjangie01@gmail.com 490-7396	Complete the Alice Knob trailsystem to replace lost recreation opportunities for the Walkervillecommunity. Parking lot and gravel trail with native plant garden to exhibit native vegetation, trees and shrubs. Connect trail to Granite Mountain Memorial and Mountain Con trails.	Lower section of the reclaimed Alice Knob east of Sherman School, then to Granite Mine Memorial.	waste cap improvement, revegetation, recreation/fishing, storm water controls	Walkerville community and BSB by creating an urban interface with forested lands, wildlife habitat, replace non-native species	\$100K to \$500K	e-mail 4-16-12
84	Dr. Courtney Young Dept Head, Metallurgical & Materials Engineering Montnan Tech cyoung@mtech.edu 496-4158	I would be happy to give a talk to the BNRC about the MWTP characterization of the Berkeley Pitlake. This work involved 1) selective metal recovery, 2) surface water, 3) deep waters and sediment, 4) sidewalls, and 5) remediate with slag. The last effort offers huge opportunity for Butte and that is to get rid of the Berkeley Pit once and for all. Once covered, the place can be a golf course, sports complex, park, etc. It will take more research and intense planning. I propose to the BNRC to further the research with slags, but additionally examine mixing in new and old MR tailings.				\$450,000	e-mail 4-18-12
85	Carol Link 134 S. Main St. Butte	Education, PR spot on TV, radio, newspaper, brochures to let people know about having soil tested before they garden, keeping pets out of mine waste, how to make sure waste doesn't enter your home inadvertently. The only way newcomers find out is through neighbors who know, not the city, county, health dept. or any EPA, CTEC or govt. service.	Garden shops, Murdochs, Wagners, Triple S, etc.	other	Public health and well being for all citizens of Butte, esp. in uptown.	unknown, <\$100K	hand delivered 4-20-12
86	Mary Kay Craig Carol Link George H. Waring James Dolan Scott Musgrove Essie Etcchingham	Support Noor Parwana idea to supply clean soil for growing food gardens in uptown Butte.					hand delivered 4-20-12
87	Donna Bowman	Support Trinity Berry's idea.					hand delivered 4-20-12
88	Bernadette Luis	Support Trinity Berry's idea.					hand delivered 4-20-12
89	Nick Luis	Support Trinity Berry's idea.					hand delivered 4-20-12

Idea #	Submitted by	Project Idea	Location	Project Type	Benefits	Estimated Cost	Submitted
90	Michaellynn Hawk Director Indian Peoples Action	Support Trinity Berry's idea. Native people want a fishery in SB Creek in town.					hand delivered 4-20-12
91	Angela Longfox	Support Native American youth Trinity Berry's idea.					hand delivered 4-20-12
92	Patty Boggs	Support Trinity Berry's idea.					hand delivered 4-20-12
93	Scott Musgrove	Support Trinity Berry's idea.					hand delivered 4-20-12
94	James Dolan	Support Trinity Berry's idea.					hand delivered 4-20-12
95	Danelle Stein	Support Trinity Berry's idea.					hand delivered 4-20-12
96	Debra Dick	Support Trinity Berry's idea.					hand delivered 4-20-12
97	Alta Boggs Longfox	Support Trinity Berry's idea.					hand delivered 4-20-12
98	Hugh Craig	Support Trinity Berry's idea.					hand delivered 4-20-12
99	Ann Hemingway	Support Trinity Berry's idea.					hand delivered 4-20-12