Exhibit 2
"Yard Specific Removal Plan"
118 Minah St.
August 3, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1240 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Abatement Program
General Project Description: RMAP work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB RMAP request.

Anticipated Yard Activities

- The North Yard is the area to be replaced. The north yard is the area north of the house to the fence and west of the alley to the west end of the house.
- Excavation of the North yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine and Ryan Mine Yards.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Contractors shall remove and replace sprinkler systems with new materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Completion date: Activities in this work plan must be completed by **October 17, 2016**.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

118 Minah St.

Exhibit 2
"Yard Specific Removal Plan"
122 Minah St.
August 25, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1740 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Abatement Program
General Project Description: RMAP work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB RMAP request.

Anticipated Yard Activities

- The North Yard is the area to be replaced. The north yard is the area north of the house to the fence and west of the garage to the street.
- Excavation of the North yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- A stack stone wall will be built running from the street around the bush and just north of the tree to the garage.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine and Ryan Mine Yards.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Contractors shall remove and replace sprinkler systems with new materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Completion date: Activities in this work plan must be completed by **October 17, 2016**.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

122 Minah St.

Exhibit 2
"Yard Specific Removal Plan"
452 N. Idaho St.
March 23, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **2010 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The West Yard is the area to be replaced. The west yard is the area west of the house to the alley.
- Excavation of the West yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- Landscape timbers will be staked down along the north and west property boundaries and around the porch area to provide a clean edge for the sod.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

48 Hours notice must be given before work begins.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

452 N. Idaho St.

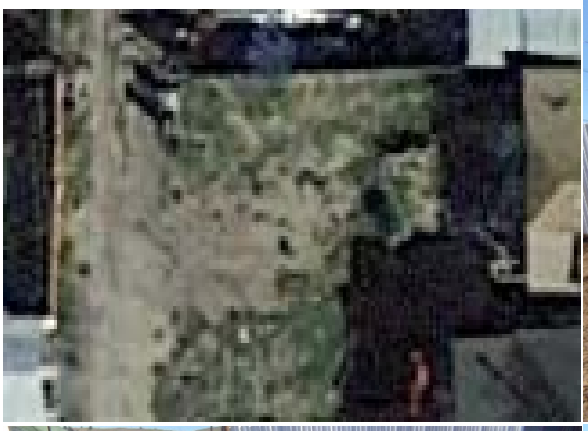


Exhibit 2
"Yard Specific Removal Plan"
620 S. Montana St.
September 9, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1780 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Abatement Program
General Project Description: RMAP work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB RMAP request.

Anticipated Yard Activities

- The Northwest Yard is the area to be replaced. The northwest yard is the area north of the house to the fence and east of the street to the end of the walkway.
- Excavation of the Northwest yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill.
- A timber divider will be constructed from the house to the north fence to separate the sod and the gravel. The wall will wrap around 4 feet from the fence and wrap around 4 feet from the house to make ramps to the parking area.
- In the area west of the block wall 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation shall be 1 inch below the elevation of the existing sidewalk.
- In the remainder of the yard 10 inches of clean fill shall be placed on fabric followed by 2 inches of ¾ inch washed gravel.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine and Ryan Mine Yards.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Contractors shall remove and replace sprinkler systems with new materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Completion date: Activities in this work plan must be completed by **October 17, 2016**.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

620 S. Montana St.

Exhibit 2
"Yard Specific Removal Plan"
912 Emma St.
May 2, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1530 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The East Yard is the area to be replaced. The east yard is the area west of the alley to the fence and south of the driveway.
- Excavation of the east yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- The fence posts will be removed.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill.
- An 8 ft. wide section of the yard running north and south will be capped with 10 inches of clean fill placed on fabric followed by 2 inches of topsoil and sod.
- The remaining 2 ft. will be capped with 8 inches of clean fill placed on the fabric followed by 4 inches of road mix.
- The old fence posts and fencing will be hauled away.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the driveway and the alley.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

912 Emma St.

Exhibit 2
"Yard Specific Removal Plan"
W. Copper St. Lot behind 1030 Caledonia St.
July 30, 2016

Rational for Work: West yard exceeds 1200 mg/kg Lead – **1730 mg/kg** and south yard **1250 mg/kg**.
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The West and South yards are the areas to be replaced. The west yard is the area west of the garage to the property boundary and south of the house to the retaining wall. The south yard is the area south of the retaining wall to the slope and from the east end of the garage to the property boundary.
- Excavation of the west and south yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the garage.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill.
- In the west yard 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation shall be 1 inch below the elevation of the existing concrete.
- In the south yard 10 inches of clean fill shall be placed on the fabric followed by 2 inches of ¾ inch washed gravel.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod and gravel. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

W. Copper St. Lot behind 1030 Caledonia St.

Exhibit 2
"Yard Specific Removal Plan"
1100 Missouri Ave.
March 23, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1570 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The NE Yard is the area to be replaced. The NE yard is the area west of the house to the 1st. St. house and south of the fence to the end of the house.
- Excavation of the NE yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by a weed fabric and 2 inches of 1-1 ½' rock.
- Landscape timbers will be staked down along the south end of the yard to provide a clean transition from rock to grass.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

48 Hours notice must be given before work begins.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1100 Missouri Ave.

Exhibit 2
"Yard Specific Removal Plan"
1125 S. Wyoming St.
May 2, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1360 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The West Yard is the area to be replaced. The west yard is the area west of the house to the alley.
- Excavation of the West yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- The lilac bushes, rose bushes, and the two clothes line poles along the alley will be remove left in place.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod, but only in the area against the house and south of the steps.
- An area 22 ft. x 12 ft. along the north fence up to the house will be replaced with 8 inches of clean fill placed on fabric followed by 4 inches of road mix. Landscape timbers will be used as a border between the sod and road mix.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1125 S. Wyoming St.

Exhibit 2
"Yard Specific Removal Plan"
1208 N. Main St.
April 5, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **2150 mg/kg and 1510 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The Whole Yard is the area to be replaced.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure. The vegetable garden will be excavated to accommodate for a 24 inch cap.
- The sidewalk east of the house will be removed.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The northwest, west, southwest, and east yard areas will have sod.
- A flower garden starting at the back door will run down the east side of the house and wrap around the south side to the southwest corner. The flower garden will be the same width as the existing garden and the south section will be elevated using landscape timbers (three high).
- A flower garden will run down the west side of the shed.
- All the flower gardens will be 6 inches of clean fill placed on fabric followed by 6 inches of topsoil.
- A vegetable garden will be made in the northwest corner from the gravel path next to the shed out to the utility pole and will be the same width as the shed. The vegetable garden will be excavated down to accommodate for 24 inches of topsoil.
- The area to the south of the house from the flower garden to the street will be road mix.
- An area that is 8ft x 16ft in front of the west door and around the shed to the east door will be 10 inches of clean fill placed on fabric followed by 2 inches of ¾ washed gravel. A gravel path will be made that runs from west gravel pad around the house to the shed.
- Landscape timbers will be used as a divider between the sod, topsoil, and gravel.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1208 N. Main St.

Exhibit 2
"Yard Specific Removal Plan"
1409 Warren St.
May 10, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **2000 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The SE Yard is the area to be replaced. The SE yard is the area east of the fence that runs from the house to the south fence and south of the steps to the south fence.
- Excavation of the SE yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

<u>48 Hours notice must be given before work begins.</u>

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1409 Warren Ave.

Exhibit 2
"Yard Specific Removal Plan"
3324 S. Montana St.
April 1, 2016

Rational for Work: Yard exceeds 250 mg/kg Arsenic – **259 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The Northeast yard is the area to be replaced. The northeast yard is the area north of the house and west of the alley to the fence.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 8 inches of clean fill shall be placed on fabric followed by 2 inches of road mix compacted and topped with 2 inches of ¾ inch washed gravel.
- The final elevation will match elevation with the street and yard.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

48 Hours notice must be given before work begins.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

3324 S. Montana St.

Exhibit 2
"Yard Specific Removal Plan"
34 Missoula Ave. Apt. 1/2
July 18, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1550 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The East and South yards are the areas to be replaced. The east yard is the area east of the house to the slope and the south yard is the area south of the house to the fence.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- The bushes and the trees will be left in place.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

34 Missoula Ave. Apt. ½

Exhibit 2
"Yard Specific Removal Plan"
45 W. Woolman St.
July 8, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1870 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The West yard is the area to be replaced. The west yard is the area west of the garage and the strip that runs along the north side of the garage to the house.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- The area west of the garage will have a retaining wall installed running north and south equal distance from the garage to the sidewalk to direct water away from the garage.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of ¾ inch washed gravel.
- The final elevation of the area will match the elevation of the existing sidewalks and the driveway.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

45 W. Woolman St.

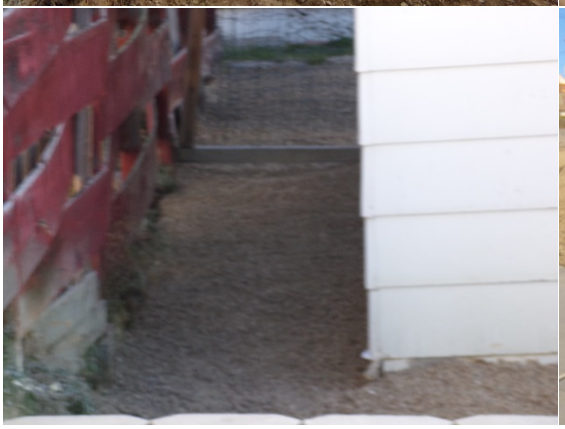


Exhibit 2
"Yard Specific Removal Plan"
49 E. La Platte St.
July 28, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1210 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The East and West yards are the areas to be replaced. The east yard is the area west and north of the garage and driveway to the sidewalk. The west yard is the area north and west of the house to the fence.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- The south half of the east yard will be prepped for pavers instead of sod.
- Sprinkler system will be removed and replaced except in the area prepped for pavers.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the elevation of the sand area will be set to allow for the pavers.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

49 E. LaPlatte St.

Exhibit 2
"Yard Specific Removal Plan"
517 W. Silver St.
July 26, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1870 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The South yard is the area to be replaced. The south yard is the areas south of the house.
- The trees will be removed.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of ¾ inch washed gravel.
- A weed fabric will be put down in between the fill dirt and the gravel.
- The final elevation of the area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

517 W. Silver St.

Exhibit 2
"Yard Specific Removal Plan"
622 W. Granite St.
July 20, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1410 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The North and South yards are the areas to be replaced. The north yard is the area north of the house to the street and the south yard is the area south of the house to the alley.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- The bushes and the trees will be left in place.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- A landscape timber border will be installed in the north yard starting at the retaining wall around the bush over to the sidewalk. This area will have 1 inch river rock instead of sod.
- The area along the east side of the house will also have 1 inch river rock instead of sod.
- In the south yard a land scape timbers will be installed as a border between sod and road mix for a parking area to replace the existing parking area.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

622 W. Granite St.

Exhibit 2
"Yard Specific Removal Plan"
726 W. Quartz St.
July 28, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1420 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The Southeast yard is the area to be replaced. The southeast yard is the area starting at the north end of the neighbor's yard extending to the alley.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- A paver sidewalk will be installed to match existing.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

726 W. Quartz St.

Exhibit 2
"Yard Specific Removal Plan"
728 W. Quartz St.
July 28, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1360 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The North yard is the area to be replaced. The north yard is the area between the two houses and south of the sidewalk to the end of the house to the west.
- The slag block border around the flower garden will be removed to accommodate for the excavation.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- The flower garden area will be replaced with a brick border to match existing and filled with 12 inches of topsoil.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

728 W. Quartz St.

Exhibit 2
"Yard Specific Removal Plan"
832 W. Quartz St.
July 21, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1780 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The Entire yard is the area to be replaced.
- The bush next to the front steps will be removed and replanted in the southwest corner of the yard. All other plants will be kept.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- The north wall of the garage will have flashing installed along the flower garden.
- Landscape timbers will be installed to act as a border between the flower garden and the sod.
- The area next to the front steps where the bush was removed and under all the steps will have 10 inches of clean fill and 2 inches of ¾ inch washed gravel.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

832 W. Quartz St.

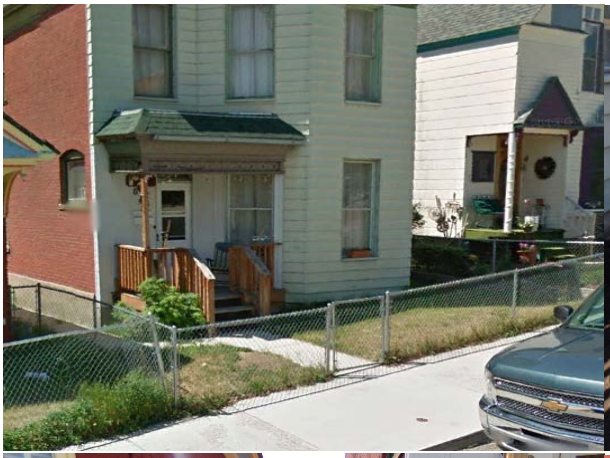


Exhibit 2
"Yard Specific Removal Plan"
834/836 W. Granite St.
August 5, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **4680 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The North and South yards are the areas to be replaced. The north yard is the area north of the house to the street and the south yard is the area south of the house to the garage and west of the house to the neighbor's house.
- The tree in the south yard will be kept.
- The larger rocks in the front yard will be kept.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- In the south yard after excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil.
- The area under the decks in the south yard will have 10 inches of clean fill over the fabric and 2 inches of 1 inch river rock.
- A landscape timber border will be installed along the edge of the deck in the south yard to act as a border to separate the sod and river rock.
- The area along the west side of the house will also have 10 inches of clean fill over the fabric and then prepped with sand for pavers.
- In the north yard the flower gardens will be filled with 12 inches of top soil over the fabric.
- The area between the decks in the north yard will have two flower gardens installed. One against the house between the two decks and one in the northwest corner of the area. These areas will be filled with 12 inches of topsoil.
- The areas in the north yard that are not flower gardens will have 10 inches of clean fill over the fabric and 2 inches of 1 inch river rock.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the river rock areas will match elevation with the sidewalks.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation

834/836 W. Granite St.

Exhibit 2
"Yard Specific Removal Plan"
855 W. Granite St.
July 28, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1700 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The South yard is the area to be replaced. The south yard is the area south of the house to the retaining wall and west of the sidewalk to the retaining wall excluding the garden area.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structure.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- Sprinkler system will be removed and replaced. The sprinkler heads will be reused if possible.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

855 W. Granite St.

Exhibit 2
"Yard Specific Removal Plan"
1006 S. Colorado St.
July 28, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1500 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The Southwest yard is the area to be replaced. The southwest yard is the areas south of the house to the stumps from the hedge and west of the house to the sidewalk.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod.
- The final elevation of the area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1006 S. Colorado St.

Exhibit 2
"Yard Specific Removal Plan"
1107 Maryland Ave.
July 10, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **14100 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The East yard is the area to be replaced. The east yard is the area east of the house to the street and south alone the length of the house to the greenhouse.
- The small section of fence south of the house will be moved so that the south fence runs to the greenhouse.
- The flower garden against the house and the flower garden along the north fence will be left alone.
- The other flower gardens will be removed and replaced. The flower garden on the south fence will be extended to the greenhouse.
- A new flower garden area will be built along the east side of the house to match the others.
- The old landscape timbers will be saved and reused.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in designated areas.
- Landscape timbers will be installed two high to act as a border between the new flower gardens and the sod.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1107 Maryland Ave.

Exhibit 2
"Yard Specific Removal Plan"
3154 S. Montana St.
July 19, 2016

Rational for Work: Yard exceeds 250 mg/kg Arsenic – **314 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Abatement Program
General Project Description: RMAP work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Abatement Program request.

Anticipated Yard Activities

- The West and South yards are the areas to be replaced. The west and south yards are the areas south of the garage to McKinley Ave. and west of the house to Montana St.
- Excavation of the yards will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- The bushes and the trees will be left in place.
- The tree stump and broken asphalt will be removed
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of topsoil and sod except in the driveway.
- The driveway will have 10 inches of clean fill over the Geotextile fabric and 2 inches of road mix.
- Landscape timbers will be installed as a border between the sod and road mix.
- The final elevation of the sodden area shall be 1 inch below the elevation of the existing sidewalk and the road mix areas will match elevation with the sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

3154 S. Montana St.

Exhibit 2
"Yard Specific Removal Plan"
N. Main St. Lot
June 22, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1540 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The East yard is the area to be replaced. The east yard is the area west of the street to the center of the lot.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by 2 inches of ¾ inch washed gravel.
- A weed fabric will be put down in between the fill dirt and the gravel.
- The final elevation of the area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Contractor shall purchase and install sod. Sod must be rolled after installation.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

N. Main St. Lot

Exhibit 2
"Yard Specific Removal Plan"
935 Zarelda St.
September 16, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1180 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

- The South yard is the area to be replaced. The south yard is the areas south of the house.
- The bricks will be removed from the retaining wall.
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by a weed fabric and 2 inches of ¾ inch washed gravel.
- The final elevation of the area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

935 Zarelda St.

Exhibit 2
"Yard Specific Removal Plan"
1115 E. Second St.
September 16, 2016

Rational for Work: Yard exceeds 1200 mg/kg Lead – **1810 mg/kg**
Selection Criteria: Home with one or more sources of lead.
Project Funding: B-SB Residential Metals Program
General Project Description: Lead Program work will consist of soil removal and yard replacement.
Reason for Sampling: B-SB Residential Metals Program request.

Anticipated Yard Activities

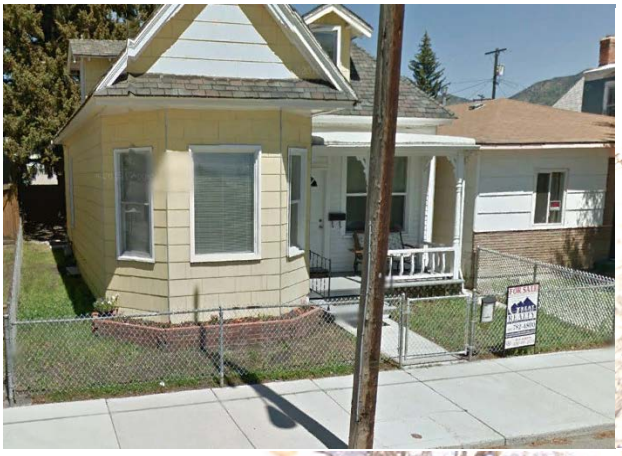
- The South yard is the area to be replaced. The south yard is the areas south of the house..
- Excavation of the yard will be to a depth to accommodate for the 12 inch cap unless bedrock is encountered and to direct water away from the structures.
- Flower gardens will be built to run along the fences and a flower garden will be built from the steps to east end of the house. All the flower gardens will be 18 inches wide except in the corners the gardens will have two 45 degree angles instead of a 90 degree angle.
- After excavation, one layer of Geotextile fabric shall be placed as a barrier between existing soil and clean fill. 10 inches of clean fill shall be placed on fabric followed by a weed fabric and 2 inches of ¾ inch washed gravel.
- The final elevation of the area shall be 1 inch below the elevation of the existing sidewalk.
- Fill material must be compacted firm.
- Geotextile fabric, fill material and top soil will be provided at the Kelley Mine Yard.
- Contaminated soil will be covered and hauled to the Granite Mountain soil repository.
- Contractors shall decontaminate equipment before hauling clean materials.
- Fences shall be left in place and excavated around.
- Contractors shall repair items they have damaged on or off property. Including roads, sidewalks, retaining walls, fences, sprinkler systems and utilities.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan**. Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors Site Safety and Health Plan should include:

Equipment in safe operating condition
Equipment decontamination prior to yard installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors shall adhere to all OSHA requirements

1115 E. Second St.



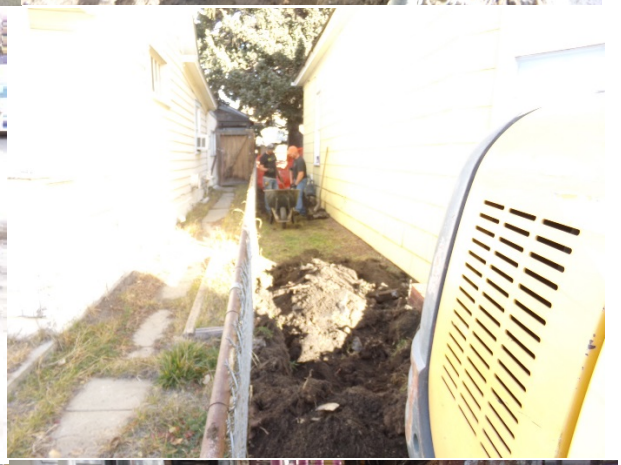


Exhibit II
"Basement Specific Removal Plan"
1012 W. Quartz St.
January 20, 2016

Selection Criteria: Home with one or more sources of lead.
Project Funding: MOU-135 funds will be utilized for the basement soil enclosure.
General Project Description: Lead Program work at the subject property will consist of capping and enclosing contamination in basement.
Reason for Sampling: Owner request.
Rational for Work: Basement exceeds 1200 mg/kg lead. – **2520 mg/kg**

Anticipated Basement Activities

- Cap basement floor with concrete.
- Discard debris from floor.
- Excavate to match height of hot water tank.
- Pour new concrete floor.
- Frame and enclose earthen walls with treated wood. Use of existing wooden structure okay to attach treated ½" plywood.
- Supply hinged access panels or doors in wall.
- Provide final cleaning.
- HEPA vacuum available from Health Department.

Specific Basement Activities

- Fine grade and prepare for 4 inch concrete floor.
- Allow for sump pump space in floor.
- Remove all debris left in basement.
- Concrete shall have fiber mixed in. Refer to concrete standards.
- Wrap the bottoms of the support posts with tin.
- Pour 4 inch concrete floor.
- Frame walls with treated 2" x 4" on 24 inch centers, enclose walls with treated ½" plywood.
- Crawl spaces and ledges behind new wall shall be covered with 2 layers of geotextile fabric. Material shall have 6 to 12 inch overlap and be nailed down.
- Access to utilities shall be provided in new wall.
- Access shall be hinged with latches.
- As final clean up, contractor shall HEPA vacuum, wet mop, and re-HEPA vacuum entire basement.

Completion date: Activities in this work plan must be completed by June 24, 2016.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan.** Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors **Site Safety and Health Plan** include:

Equipment in safe operating condition
Equipment decontamination prior to installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors and employees shall adhere to all OSHA requirements

1012 W. Quartz St. Basement

Exhibit II
"Basement Specific Removal Plan"
600 W. Gold St.
November 25, 2016

Selection Criteria: Home with one or more sources of lead.
Project Funding: MOU-135 funds will be utilized for the basement soil enclosure.
General Project Description: Lead Program work at the subject property will consist of capping and enclosing contamination in basement.
Reason for Sampling: Owner request.
Rational for Work: Basement exceeds 1200 mg/kg lead. – **1240 mg/kg.**

Anticipated Basement Activities

- Frame and enclose earthen walls with treated wood.
- Provide final cleaning.
- HEPA vacuum available from Health Department.

Specific Basement Activities

- Frame walls with treated 2" x 4" on 24 inch centers, enclose walls with treated ½" plywood.
- Crawl spaces and ledges behind new wall shall be covered with 2 layers of geotextile fabric. Material shall have 6 to 12 inch overlap and be nailed down.
- Access to utilities shall be provided in new wall.
- As final clean up, contractor shall HEPA vacuum, wet mop, and re-HEPA vacuum entire basement.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan.** Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors **Site Safety and Health Plan** include:

Equipment in safe operating condition
Equipment decontamination prior to installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors and employees shall adhere to all OSHA requirements

600 W. Gold St.

Exhibit II
"Basement Specific Removal Plan"
450 N. Idaho St.
January 25, 2016

Selection Criteria: Home with one or more sources of lead.
Project Funding: MOU-135 funds will be utilized for the basement soil enclosure.
General Project Description: Lead Program work at the subject property will consist of capping and enclosing contamination in basement.
Reason for Sampling: Owner request.
Rational for Work: Basement exceeds 1200 mg/kg lead. – **4280 mg/kg**

Anticipated Basement Activities

- Cap basement floor with concrete.
- Discard debris from floor.
- Excavate to match height of hot water tank.
- Pour new concrete floor.
- Frame and enclose earthen walls with treated wood. Use of existing wooden structure okay to attach treated ½" plywood.
- Supply hinged access panels or doors in wall.
- Provide final cleaning.
- HEPA vacuum available from Health Department.

Specific Basement Activities

- Fine grade and prepare for 4 inch concrete floor.
- Allow for sump pump space in floor.
- Remove all debris left in basement.
- Concrete shall have fiber mixed in. Refer to concrete standards.
- Wrap the bottoms of the support posts with tin.
- Pour 4 inch concrete floor.
- Frame walls with treated 2" x 4" on 24 inch centers, enclose walls with treated ½" plywood.
- Crawl spaces and ledges behind new wall shall be covered with 2 layers of geotextile fabric. Material shall have 6 to 12 inch overlap and be nailed down.
- Access to utilities shall be provided in new wall.
- Access shall be hinged with latches.
- As final clean up, contractor shall HEPA vacuum, wet mop, and re-HEPA vacuum entire basement.

Completion date: Activities in this work plan must be completed by June 24, 2016.

Miscellaneous

Contractor shall provide photo documentation to record the pre-removal, removal and post-removal condition of the property. Contractors will perform work according to a **Site Safety and Health Plan.** Contractors will adhere to time frame for work to be completed and within the terms set forth in the contract agreement with Butte-Silver Bow Health Department. Key elements of the contractors **Site Safety and Health Plan** include:

Equipment in safe operating condition
Equipment decontamination prior to installation
Traffic barriers and site safety fence erected
Transportation routes identified and used
Dust suppression techniques applied
Worker safety, resident safety, public safety awareness
Site safety meetings conducted before the start of each day
Contractors and employees shall adhere to all OSHA requirements