Pioneer Park
Pioneer Park-Clean Up Ideas

- Keep vegetated and grass green all year round to reduce dust exposure. If facing years of drought and unable to maintain vegetation, close this area to use until vegetated again.

- Meet with County Health Officer and discuss preliminary results and solicit recommendations

- Cover entire lower baseball field with 1-2 feet of clean fill and replant
Stiles Mill
Stiles Mill

- Background
- Waste Rock
- Shaft
- Trail
- Stockpile (below 6")
- Stockpile (surface)

As ppm
- 300
- 200
- 100
- 0

Sampling Points
Arsenic (ppm)
- Low (<22)
- Medium (22-55)
- High (>55)

Stockpile (below 6")  Trail  Waste Rock

N = 11  4  6  4

Stockpile (surface)  Shaft  Background

N = 4  7  2  6
Stiles Mill

![Map of Stiles Mill with sampling points]

- **Sampling Points Lead (ppm)**
  - Low (<150)
  - Medium (150-250)
  - High (≥250)
  - Trail

![Box plot showing lead concentrations]

- **Lead Concentrations**
  - Stockpile (surface)
  - Trail
  - Waste Rock
  - Stockpile (below 6”)
  - Shaft
  - Background

- **Map Details**
  - Deer Creek
  - Pine Creek Bridge
  - Highway 49
  - Sampling Locations

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**Note:**
- The map and box plot provide a visual representation of lead concentrations at different sampling points around Stiles Mill. The box plot indicates the distribution of lead levels across various categories such as Stockpile (surface), Trail, Waste Rock, Stockpile (below 6”), Shaft, and Background. The map highlights specific sampling points categorized by lead concentrations, with distinct colors for low, medium, and high levels, along with a trail symbol.
Stiles-Clean Up Ideas

- Mining shaft – needs to be closed for safety reasons
- Trail – no action needed
- Re-vegetate the stock pile
- Groundcover such as wood chips or cap with clean soil
- Reduce the slope of the pile to provide safe access to the creek, and reduce erosion into the creek.
- The trail could continue with a footbridge across Deer Creek to connect to the Rotary Trail and/or Flumes end to connect to the Tribute Trail
Providence Mine

Photo taken in 1893
Providence-Clean Up Ideas

- Dig and haul crumbling feature and surrounding soil
- Cap/cover trail with 4 inches of gravel/clean fill.
- Consider re-routing of the trail above mine feature area
- Fencing of poison oak or blackberries
- Reconfigure and stabilize lower waste rock pile
- Perhaps use Jute/hydroseeding of waste rock pile
Next Steps

- Applied for Brownfields Clean up funding this Fall
  - Applications submitted October 16th
- Two clean up grants for Providence Mine
  - Trail
  - Waste Rock Pile
- One clean up grant for Stiles Mill