

Left Hand Water District  
Source Water Protection Plan Meeting  
April 9, 2009

Topic: Non-remediated mine sites (sites with unknown toxicity) and data collected in the watershed

Attendees:

Hank Schmidt, LHWD Treatment Manager  
Trez Skillern, USFS  
Ed Baile, Left Hand Water District  
Julie Annear, DRMS  
Jim Shelley, City of Boulder Water  
Danny Lutz, CDPHE  
Jim Cowart, Walsh Environmental  
Tammy Allen, CDPHE  
The meeting began with a round of introductions.

The meeting began with a recap/discussion of mines that have not been researched or addressed. If possible the mines were located on a map so that members of the LWOG could locate them and try to ascertain if further study is warranted.

Jenks- Ask Mark and Colleen Williams to assist with locating.

Escanaba Property contains the Unnamed Adit and the Rife Adit- Julie Annear showed approximate location on the map. LWOG should check to see current ownership status, but Julie believes it is private. Likely will try to locate this summer with intern

John Jay- DRMS will be discussing this with Colleen/JCWI. Primarily a garbage issue  
Porphyry- Pending...waiting on CDPHE. Julie thought an enviro convenenent may be unnecc. as it is in the right of way of the road, but Tammy Allen of CDPHE was not sure this is the case

Burlington- Pending. Honeywell has a plan, but they want to avoid signing off on a discharge permit. Danny Lutz had some possibilities to discuss with the LWOG at some point. He will email the LWOG at a future date

Alice Mine- located above the Burlington site. Pretty stable. May have groundwater implications. Shutting down Argo may elude to groundwater relationship.

Lily Mine- Trez mentioned this one near Castle Gulch. Has been getting some OHV traffic. There is some standing water and some oxidized iron etc. Julie doesn't think it makes it to the stream.

Slide Mine- Joe Ryan (via email) still has reservations about the design plan and how effective it will be in reducing sediment load to the Lefthand. Also there is an adit below the site that has been sampled a few times, but hasn't been sampled throughout the year. Joe is going to try to get up there during some storm events. Trez mentioned that some of the waddles aren't holding up very well.

We then brainstormed a list of data producers in the watershed.

RiverWatch (with LWOG, JCWI (James Creek Watershed Initiative (JCWI) and independent collectors

CU Engineering

EPA

Boulder County Public Health

JCWI

City of Boulder

Division of Reclamation Mining and Safety (DRMS)

Left Hand Water District

Honeywell/Walsh Environmental

Seacrest Labs

TMDL folks at CDPHE- (A note about the TMDL status) EPA hired Tetra Tech to collect the data for the TMDL. CDPHE reviewed the TMDL draft and was disappointed by the large amount of data that was thrown out by Tetra Tech. CDPHE asked EPA about this, but they had already released Tetra Tech from their contract. So The TMDL is not complete. CDPHE is going to do the TMDL in house. They will be very interested in the questionnaire, and they are hoping to utilize the LWOG and SWPP partners to strengthen the TMDL. They also would like to tour the watershed when we organize the tours for the intern (described in detail below).

The LHWD SWPP team is going to send out a questionnaire to all of these data producers. The thought is that the SWPP would be a good place to list all the data that has been collected in the watershed. The data won't be available and no analysis or hosting of the data will be performed by the SWPP, but the SWPP will attempt to catalogue or list the data that has been collected in recent years.

The questionnaire will contain the following questions:

-Dates Collected

-Type of data collected (benthic, metals, sediment, pH, hardness, D/O, alkalinity, turbidity, nutrients

-What is the status of the data? Where is it housed? Is it publicly available?

-Contact info

-Location of sample points (GIS, lat/long, etc)

-Was flow data recorded?

-Did you have a SAP or a QAPP or another quality assurance plan when collecting the data?

We then brainstormed some sample needs for the watershed. This is more for the LWOG, but we thought since we had the brainpower in the room we might as well utilize it.

-Fish data (possibly in partnership with the DOW or Jankowski of the USFS)

-Sediment data (JCWI had a turbidometer)

-Raw water data

-Storm Water Even data

Possibly acquire old CDOT Roadside samplers

Possible future 319 grant

Possible USGS collaboration (Larry Barber)

The LWOG's new intern, Matthew Palamara will be starting on May 10<sup>th</sup>. The LWOG wants to welcome him with a round of tours. Look for info in your inbox regarding tours. Of course we would like to coordinate so that as many people from agencies and the public can attend as possible.

Our next meeting is tentatively set for May 21<sup>st</sup>. We will be discussing issues related to the Boulder Feeder Canal so it will be imperative for Northern Representatives to attend this meeting. This will also be Matthew's first meeting (the new LWOG VISTA intern).