

Left Hand Water District  
Source Water Protection Plan Meeting  
November 6, 2008

Attendees:

Kathy Peterson, General Manager LHWD  
Tammy Allen, CDPHE WQCD  
Steve A. Foster, LHWD Treatment Operator, Resident  
Jim Shelley, City of Boulder Water  
Jan Toniazzo, Resident  
Mary Boardman, CDPHE Hazmat Program, Project Manager for Captain Jack  
Julie Annear, DRMS  
Danny Lutz, Public Outreach Coordinator, CDPHE  
Hank Schmidt, LHWD Treatment Manager  
Eric Schroder. USFS

The meeting kicked off with a presentation by Hank Schmidt, Water Treatment Manager at LHWD about the district's Raw Water Collection System.

Tammy Allen brought a cd with a new shapefile with a revised area of responsibility from the Water Quality Control Division for our SWPP. We will also be getting a revised assessment. The assessment is being revised to take into account the Boulder Feeder Canal and because ditches were treated as pipelines or conduits in the previous assessment. There may be some changes in our potential hazards and ranking in the assessment, but most likely the changes won't differ significantly from our current list of concerns. Jim Shelley is eager to see how these changes impact the assessment and area of responsibility for the City of Boulder.

Most of the meeting was spent identifying the primary potential sources of contamination in the watershed, and brainstorming the people or agencies that can help us to learn more about the problem and what management strategies may already be in place.

Primary Issues of Concern and Contacts to Learn More About Management Approaches

**Permitted Discharge** (2 are listed in the assessment)

- 1- Lake of the Pines
- 2-Big Five Tunnel? We aren't sure about this one, but hope when we get the revised assessment and data we will know more.

*CDPHE/Tammy Allen*

**Abandoned Mine Site-** The group discussed that different sites have different concerns. Currently the assessment lists 344 mine related sites, but obviously some of those are draining adits, some are tailings piles while others are simple openings that pose risks to human safety, but not necessarily risks to water quality. One of the challenges of this SWPP is going to be to sort out and categorize these sites in a logical and reasonable

way. The LWOG's watershed plan and knowledge will be a major source of information as we try to sort out these priorities,

- 1-AMD Sites
- 2-Abandoned Tailings
- 3-VCUPS-CDPHE
- 4-Other Cleanups-EPA, Forest Service (Trez)
- 5- Public Safety Sites- DRMS

\*An additional comment from Jim to keep in mind while working on the mining portion of the plan: Acid mine runoff is high risk due to dissolved metals that potentially could pass through conventional water treatment. Abandoned mines and tailings with storm runoff are a suspended solids and potentially total metals issue, therefore low risk to the drinking water supply. Total metals are either settled or filtered out in conventional water treatment processes.

**Septic Tanks** Boulder County Board of Health (Mark Williams)

We understand that Boulder County Board of Health has instituted a Smart Septic Program. We also thought they may have created a map of known problem areas in the county. Geneva will contact Mark and ask if he could come to a meeting in December or January and give us an update on the program and hopefully share with us the problem areas in the county so we can incorporate this information in to our plan. Jim Shelley would be very interested in similar same information for use in the City of Boulder's SWPP. Lane Drager may be the person who is working on the maps so I will ask Mark to include him on the meeting.

**OHV Area/Sedimentation** James Creek Watershed Initiative, Forest Service

**Transportation Corridors**

- Forest Service
- CDOT (coverages?)
- BOCO

**Pesticides/Herbicides**

- Forest Service
- BOCO land use

**Land Use/Land Cover** (with special interest in Wildfire (past and risk) and Pine Beetle (and repercussions of Pine Beetle impacts on flow timing and flow amount))

- Forest Service
- BOCO
- JCWI

**Beach Aircraft Clean-up Facilities**

- USGS report
- CDPHE

**Canal from Carter Lake**

1-Road crossings (most road crossings are sloped to the canal with no barrier. Some of the drainage ditches along the roads are also directed into the canal at the crossing)

2-Agricultural and storm outfalls (Boulder working with northern to divert these across)

3-Canal maintenance within the prism and along the easements (Northern Colorado Water Conservancy District)

4- Accidental or intentional water contamination and emergency notification/response plans for Left Hand Watershed creeks with roads adjacent and for the canal.

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Geneva will contact Mark Williams and request a few (preferably daytime) dates that he would be available to update us on the Septic Smart program. Geneva will give those dates to the list so those interested in the topic can choose a date/time that works for them.

Tammy asked if a webpage is going to be set up to help us update the public and also to serve as a repository for information. Kathy is going to talk to the folks who do LHWD's web pages to get something set up.