

July 27, 2011

WHITTAKER-BERMITE SITE TOUR



PURPOSE OF THE TOUR

The **Whittaker-Bermite Citizens Advisory Group** requested a tour to:

- Better understand the scope of the cleanup
- See the progress that has been made
- Become acquainted with the areas that still need to be cleaned
- Have an opportunity to ask the experts

WHITTAKER-BERMITE LOCATION

Bermite Facility Location Map



HISTORY OF SITE

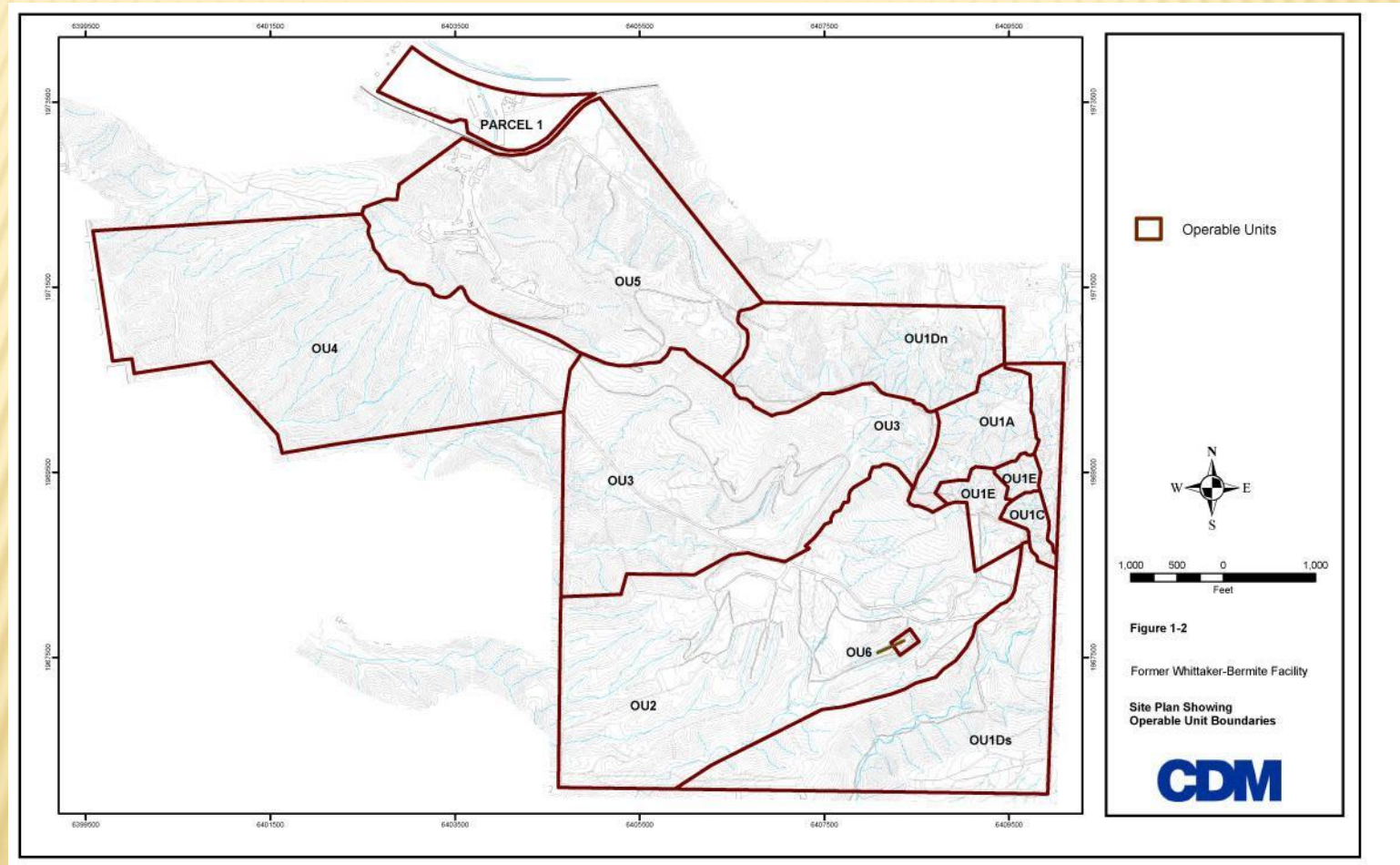
Owner/Company	Years	Products/Processes
L.A. Powder Company	1934 – 1936	Dynamite
Halifax Explosive Co.	1936-1942	Fireworks
W.P. Halliburton, Inc.	1942	Oil Field Explosives
Bermite Powder Co.	1942 – 1967	PhotoFlash, Flares, Bombs, Explosives
Whittaker Corporation	1967 - 1987	Igniters, Gas Generators, Jato Rockets, Flares, Practive Bombs, Sidewinders, Spin Rockets

RISK ASSESSMENT

CONCLUSION – Health Risks to users of the site and the environment include:

- Perchlorate
- Chlorinated Volatile Organic Compounds (VOCs)
 - Tetrachloroethene (PCE)
 - Trichloroethylene (TCE)
 - Vinyl chloride
 - Depleted Uranium

OPERABLE UNITS: OU1 –OU6



OPERABLE UNITS:

- Site was divided into 6 Operable Units, OU1 – OU6
- OU1 – OU5 are divided based on topography
- OU6 is a RCRA unit and is located in OU2
- OU7 is used to describe the impacted ground-water and deep soils

ENTRANCE - FROM METROLINK STATION



ABANDONED OFFICE BUILDINGS



OU1 - OVERLOOKING GOLDEN VALLEY



SOIL VAPOR EXTRACTION UNIT ON OU1



OU1 – NEAR COMPLETION



OU1-SOIL PROCESSING & HOLDING POND



OU2 / OU6 (RCRA UNIT)



OU3 – A.K.A. ‘BURN VALLEY’



OU4 – HULA BOWLS



OU 4 - USED AS MOVIE SET



OU5 – ON THE OTHER SIDE



OU5 – WATER PROCESSING



OU7 – GROUND WATER AND DEEP SOIL

Most current happenings -

- 24 Extraction Wells have been constructed
 - Extraction Wells are designed to contain the perchlorate
- Operation of the wells will take at least another year
- Some of the contaminants in perched water may not be recoverable

PRESSING CONCERNS FOR THE C.A.G.

- How to best inform the public
- Spread of perchlorate beyond the property
- Slow speed of the clean up