

COLORADO OFFICE  
10758 W. CENTENNIAL RD., STE. 200  
LITTLETON, CO 80127  
TEL: (866) 981-4588  
FAX: (720) 981-5643



WYOMING OFFICE  
5880 ENTERPRISE DR., STE. 200  
CASPER, WY 82609  
TEL: (307) 265-2373  
FAX: (307) 265-2801

August 12, 2015

Deputy Director  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and  
Environmental Management Programs  
Mailstop T8-F5  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**RE: License SUA-442, Docket No. 40-6622  
Annual Land Use Report and Semi-Annual Effluent Rpt.**

Dear Deputy Director,

Pursuant to condition 21 of Source Material License SUA-442, a review of the land use status within five miles of the restricted area boundary was conducted. There were no significant changes in land or water use over the past year compared to what was described in the last survey report. Aside from the Heward Ranch noted below, there were no private residences within five miles of the site. To our knowledge, no new private or public potable water or agricultural wells were completed within five miles of the restricted area boundary, however, there were four applications for new wells which are described below. Activities at the Pathfinder site consisted of routine licensed 11e.(2) waste disposal in the tailings area, minor site maintenance such as road grading, minor repairs of mine reclamation, fence repairs, annual noxious weed spraying in the mine area, and ground water monitoring within both the restricted area and the adjacent mine area.

The primary agricultural use of adjacent lands was cattle and sheep grazing. The Heward Ranch, some three miles southeast of the restricted area, continued to be the nearest agricultural residence. Grazing utilization did not change appreciably from the previous year. Wildlife such as pronghorn antelope, deer, golden eagles; fox, coyote, and elk, use the site commonly. Various other non-game species continue to utilize the habitat available in the general area.

No new nonresidential structures were built within the area of concern, and uses of existing structures did not change. There was no appreciable mineral claim staking activity in the general area on Federal land since most available areas of interest previously had been claimed.

Limited recreational utilization of the public lands adjacent to the restricted area continued in the form of hunting, primarily during September-October. The Walker-Jenkins Pit, reclaimed by the Abandoned Mine Lands Program as a lake, remains open to public access for fishing. The lake is located south-southeast of the Pathfinder site.

The nearby Petrotoomics tailings/mine site remains under the stewardship of the U.S. Department of Energy.

Nearby ranchers applied for well installation permits with the Wyoming State Engineer's office as described below. However, the State Engineer's website classifies each of the wells as "Incomplete" at this time.

- Applicant: Heward's 7E Ranch, priority date 4/23/14, location T28N R78W S24 SE1/4 of SE1/4.
- Applicant: Heward's 7E Ranch, priority 4/23/14, location T27N R78W S2 SW1/4 of SW1/4
- Applicant: Don Cuin, priority date 1/28/15, location T28N R78W S20 SE1/4 of NW1/4
- Applicant: Don Cuin, priority date 1/28/15, location T28N R78W S20 SE1/4 of NE1/4

Since reclamation of the facility is nearly complete there is no effluent monitoring pursuant to 10 CFR 40.65 and therefore no data to report.

If you have any questions regarding this submittal please feel free to contact me at our Casper office.

Regards,

  
Mr. John W. Cash  
President

Cc: Mr. Ted Carter, U.S. NRC, via email  
Mrs. Theresa Horne, Ur-Energy Littleton Office