



**US Army Corps
of Engineers®**
Buffalo District
BUILDING STRONG®

Luckey Site

Formerly Utilized Sites Remedial Action Program (FUSRAP) Site Features

PRODUCTION

The Luckey facility was owned by the Atomic Energy Commission and operated by Brush Beryllium Company from 1949 to 1962 for the production of the metal beryllium.

Aerial Photograph of the Luckey Site showing quarry (south of site), roads, buildings, and disposal areas.



Looking east along the south side of production facility



Looking west toward the production facility



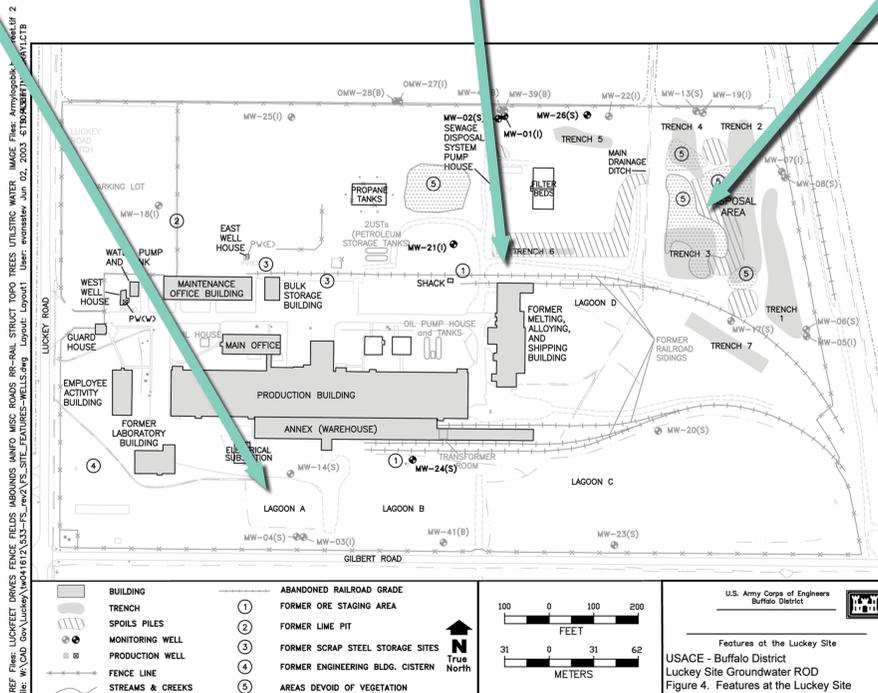
Looking north at the northeastern disposal area

SOURCE OF CONTAMINATION

Sources of beryllium contamination include production wastes and sludge that were discharged to the process lagoons and were later excavated and disposed of in the northeast disposal area.

Sources of radiological contamination include scrap steel and beryllium ore that were contaminated offsite with radiological residues and brought onsite for use in the production process.

The source of lead contamination is lead oxide that was stored onsite and used as an additive in the production of beryllium.



Features Map - Showing all features on site (buildings, trenches, lagoons, former rail lines, disposal areas, and storage facilities)

WASTE DISPOSAL ACTIVITIES

During the production of beryllium, process waste was discharged into lagoons on site (Lagoons A, B, and C on the figure). The lagoons were periodically dredged and the sludge transferred to trenches in the northeastern landfill area. These trenches were also used for the disposal of scrap steel. The landfill area is known to have received decontamination residues and building debris at the time of site closure.