



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**



DP Road Update



ENVIRONMENTAL MANAGEMENT
SAFETY ♦ EFFICIENCY ♦ TRANSPARENCY

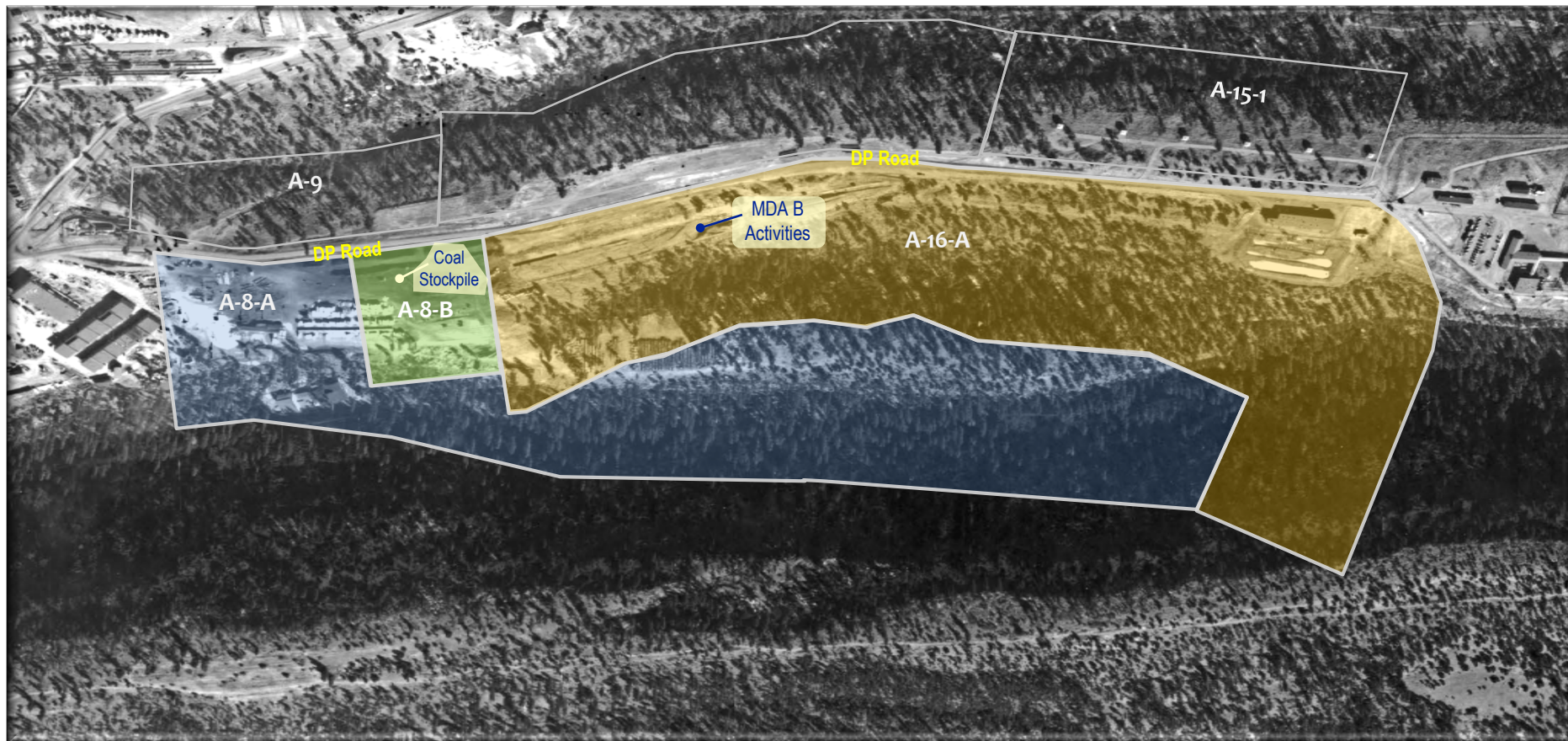
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Senior Health Physicist
Environmental Management Los Alamos Field Office

17 November 2020

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DP Road Circa 1946





DP Road Today



0 250 500 1,000 Feet





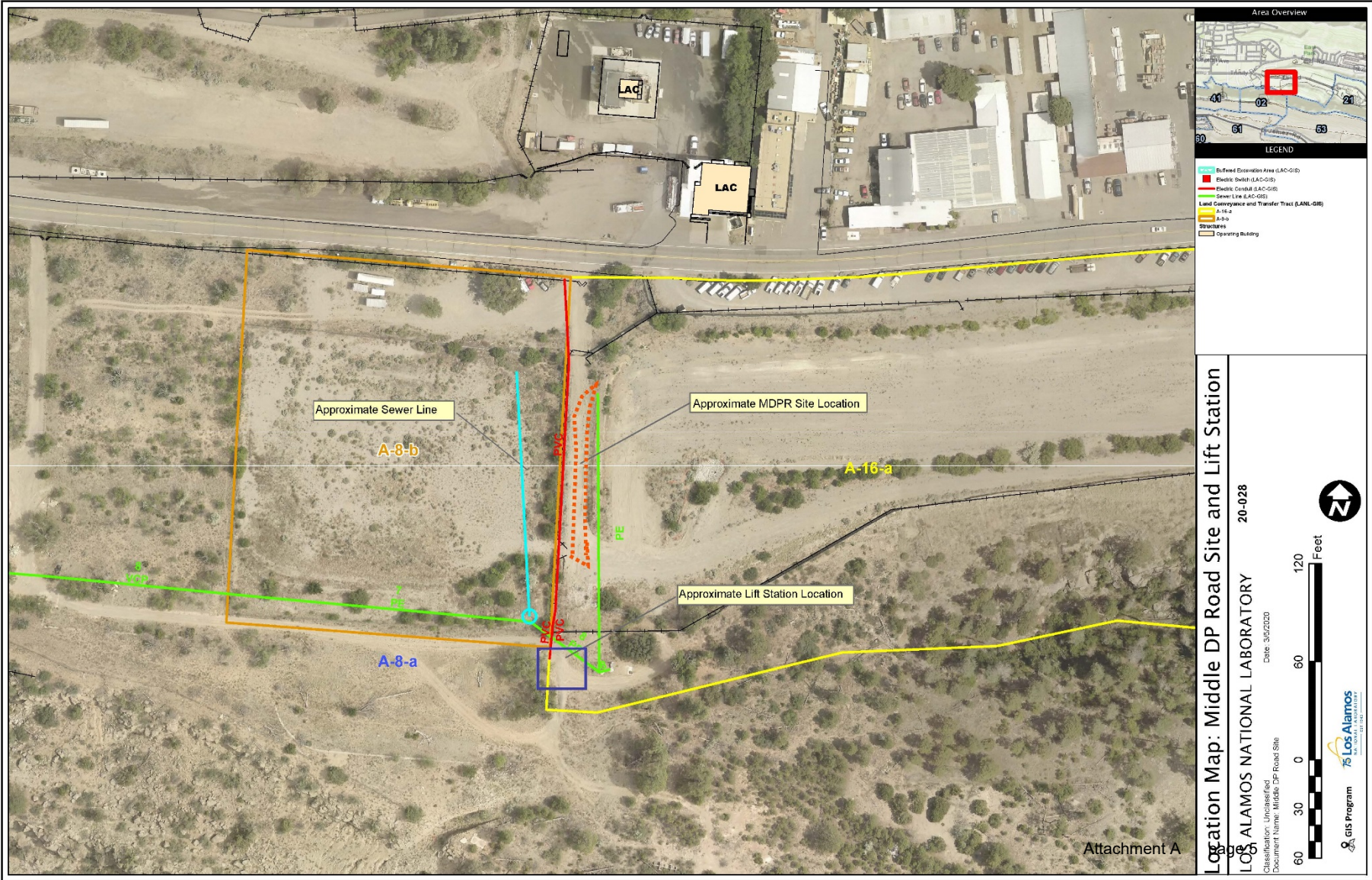
DP Road Construction Work Underway

- ☐ Los Alamos County is upgrading their sewer infrastructure along DP Road by installing a new lift station and gravity-fed sewer line
- ☐ This work will support the Canyon Walk housing development and the Bluffs housing development
- ☐ Canyon Walk is under construction on north side of DP Road (Parcel A-9), northwest from the Middle DP Road Site
- ☐ The Bluffs will be built on parcel A-8-B





Middle DP Road Site



Location Map: Middle DP Road Site and Lift Station

LOS ALAMOS NATIONAL LABORATORY

20-028

Classification: Unclassified
Document Name: Middle DP Road Site

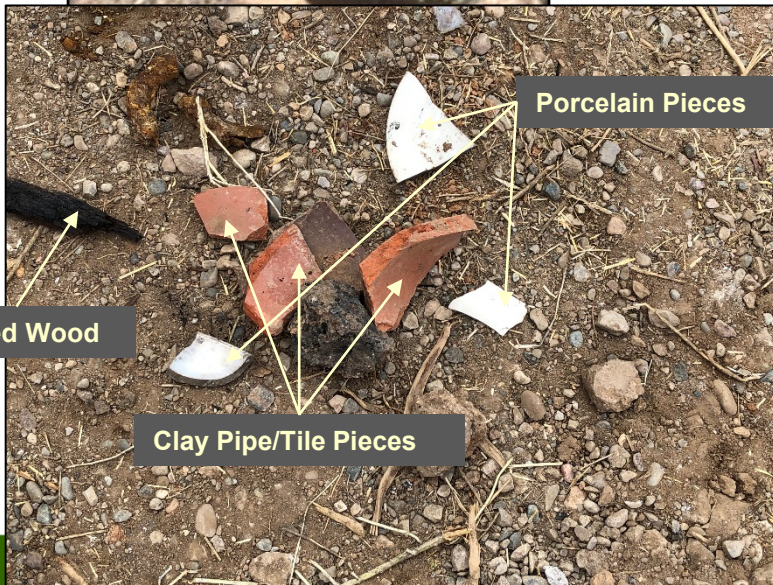
Date: 3/6/2020

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GIS Program



Attachment A



Charred Wood

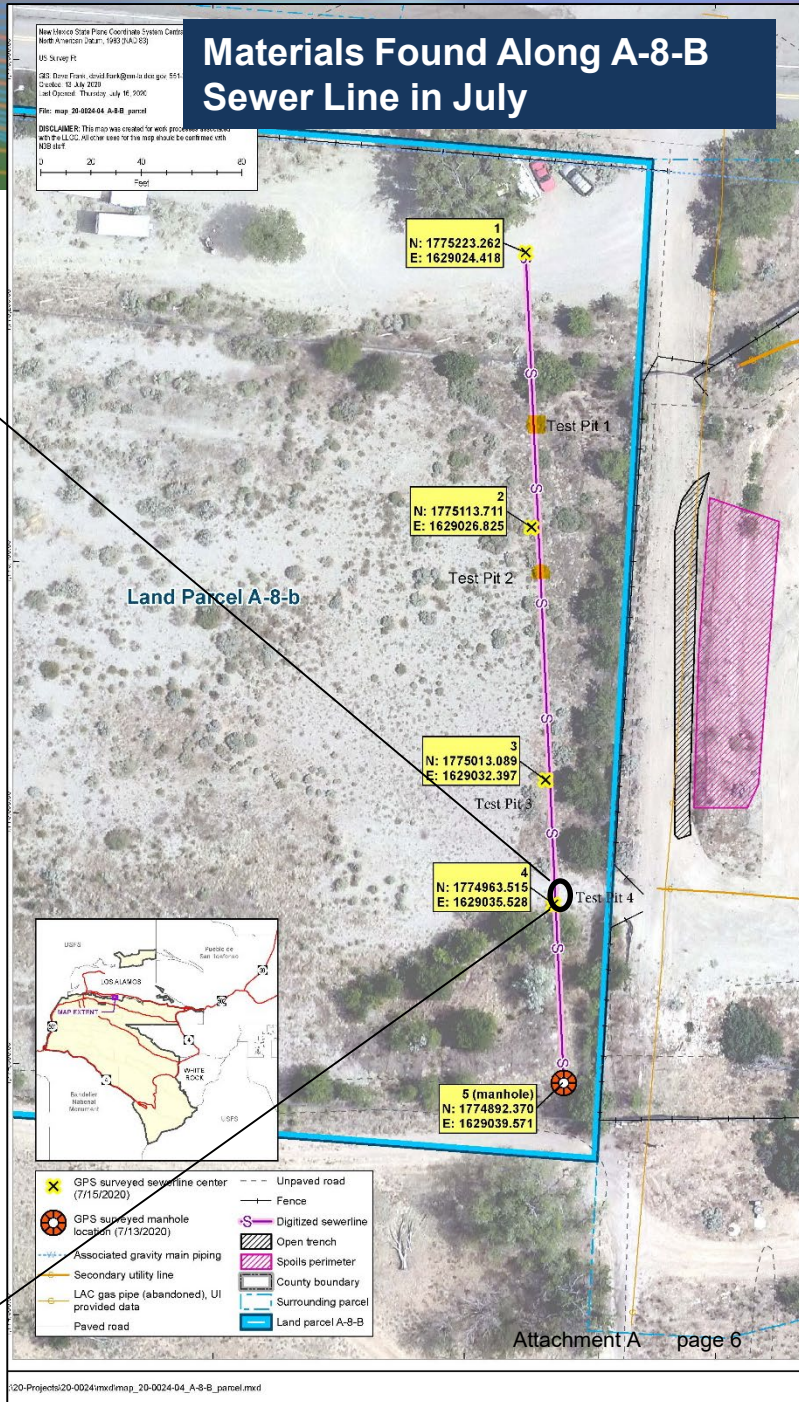
Porcelain Pieces

Clay Pipe/Tile Pieces

SAFETY ♦ EFFICIENCY ♦ TRANSPARENCY



Materials Found Along A-8-B Sewer Line in July



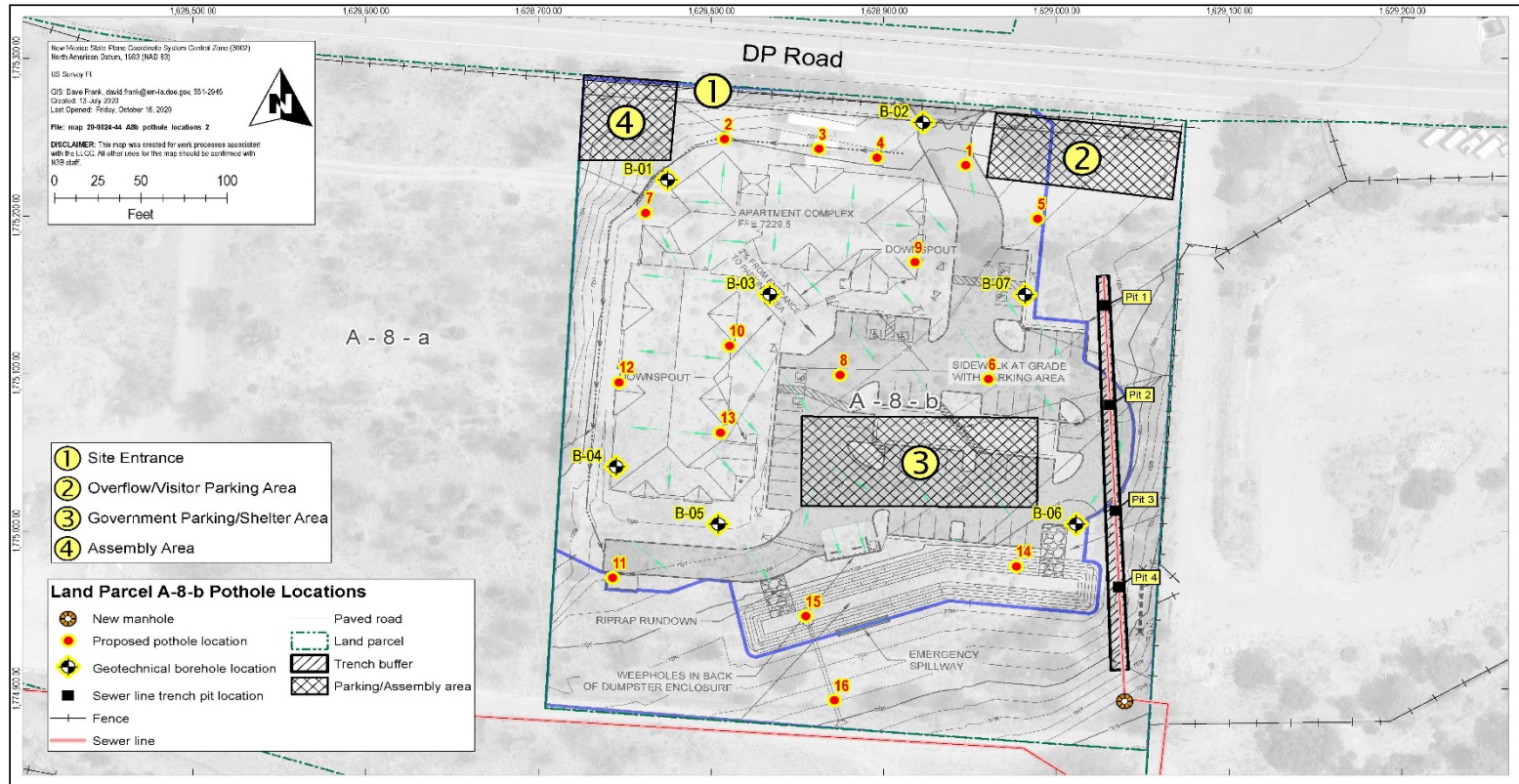


- ❑ EM-LA will develop and implement a Preliminary Screening Plan (PSP) to characterize MDPR Site in coordination with NMED (FY21 Implementation)
- ❑ N3B completed trenching along the planned sewer alignment on parcel A-8-B
 - Approx. 265 feet in length from north to the south, with an avg. depth of 7–11 feet
 - No elevated radiological readings were found in the trench or on debris
 - Air samples taken during excavation show no abnormal amounts of radioactivity.
- ❑ NA-LA will fund current field support activities being provided to Los Alamos County (Rad Con Techs, radiological screening, and completion of sewer related excavation)
- ❑ EM-LA is funding field screening work on parcel A-8-B in FY20
 - 14 of 16 potholes completed
 - No radiological debris encountered
 - Bethel to disposition non-rad debris





A-8-B Potholing



Q:\20-Projects\20-0024\map_20-0024-44_A8b_pothole_locations_2.mxd





- ☐ EM-LA is working with N3B to determine scope of work for the Middle DP Road Site and A-8-B
 - All samples have shown radiological contamination adhered to the debris with little to no transfer to the surrounding soils.
 - The contamination identified as very early Manhattan Project Uranium and Plutonium.
 - Due to it being attached to debris, the human health and ecological risk is low.
- ☐ N3B working Middle DP Road Site PSP and Spoils Piles Characterization and Disposition work
 - PSP will be coordinated with NMED and will be reviewed by an independent organization
 - Geotech measurements have been completed except under the spoils piles
- ☐ Additional A-8-B investigation will be separate from Middle DP Rd.
- ☐ EM-LA will be responsible for any necessary clean-up

