

Property Description Data

Map ID #

105

Environmental Issues: Closed LUST

Site Name: KDAL Station

Site Address: 901 S 63rd Ave W

Current Use: Radio station

Photographs





Looking south across the property



2012 aerial photograph from Bing Maps


Historical Summary

Year	Use	Source (↑ North)	
1902-1948	No structures are present at the property.	Historic plat map, aerial photographs, city directories	 1939 aerial photograph
1953-1996	A square-shaped structure corresponding to the current building is present in the northeast portion of the property. A northwest-southeast trending path (providing access to the southeast adjoining property) is present in the southeast portion of the property. City directories indicate that the property is occupied by the KDAL transmitter.	Aerial photographs, city directories	 1953 aerial photograph

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Year	Use	Source (↑ North)	
1997-present	Property land use appears relatively unchanged. The property was not identified on city directory listings.	Aerial photographs, city directories	
			2010 aerial photograph

Regulatory Review

This property was identified as the KDAL Transmitter Station on the UST and LUST databases. Regulatory information identified one 1,000-gallon diesel UST listed as “removed.” Regulatory information indicates that a release, Leak No. 11620 was reported in July 1998, and that the release was closed in October 2004.

A summary of the leak site file information is provided below.

Leak No. 11620

Information in the file indicates that a 1,000-gallon diesel UST installed by FEMA for the emergency broadcast system was removed in July 1998 and was presumed to have leaked diesel fuel into the soil surrounding the tank. (Bay West notes that the 1,000-gallon UST appears to be listed as 2,000 gallons on a limited site investigation conducted in 2004.) Approximately 66 cubic yards of impacted soil was removed from the tank area, and the tank basin was backfilled with clean fill in May 1999. MPCA’s review of field activities and laboratory results raised the question that soil impacted with diesel might extend further beyond the former tank basin, possibly beneath the on-site building, necessitating additional investigation.

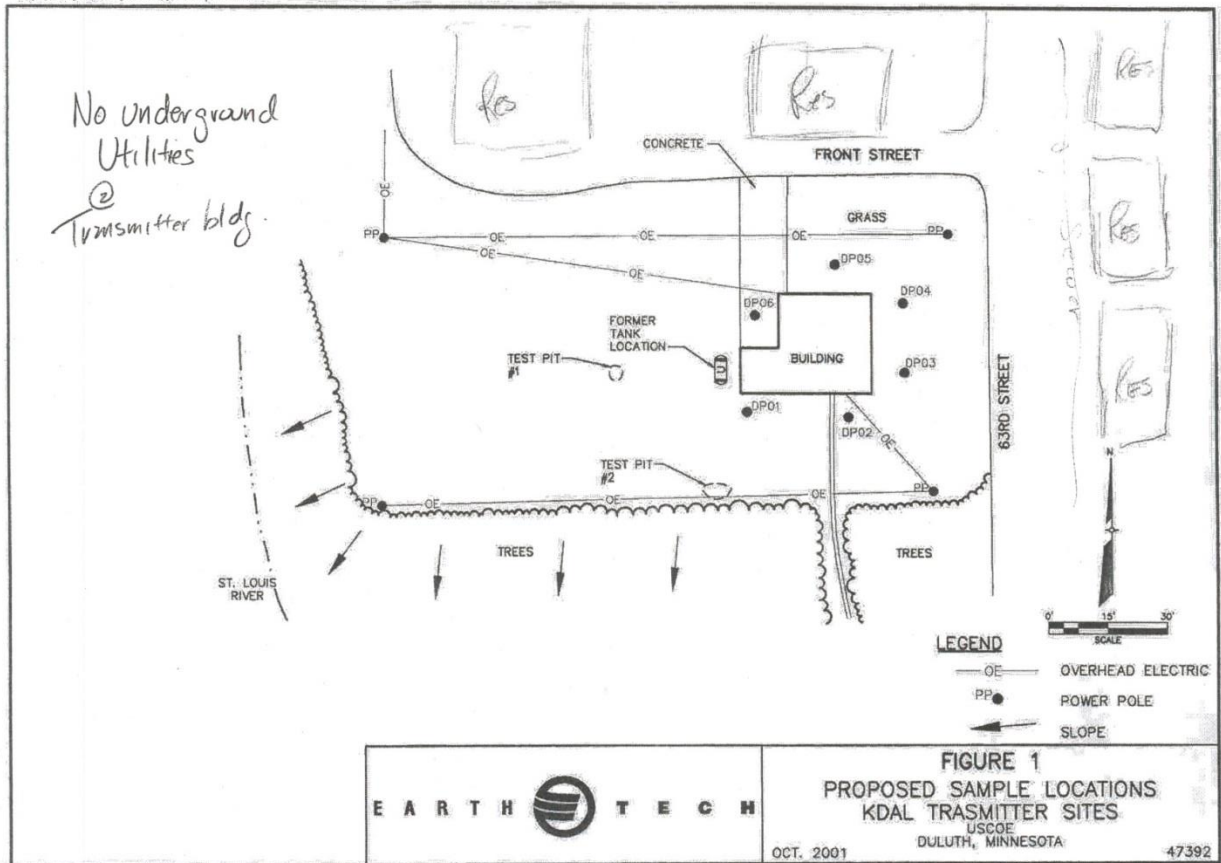
Nine soil borings were advanced by Earth Tech in October 2001 to groundwater (approximately 16 feet bgs). Soil samples were collected from five of the borings and analyzed for DRO; DRO was not detected in the samples. Three groundwater samples collected from the borings were analyzed for DRO and were not found to contain DRO.

A Limited Site Investigation report, and prepared by Earth Tech and dated March 11, 2004, notes that all contaminated soil was removed at the site that could be safely excavated without damaging the existing transmitter building. DRO contamination was not detected in push probes or test pits constructed within 10 feet of the former UST sidewall, and headspace readings taken in 2001 were negligible. The report also notes that push probes advanced in 2001 showed clean downgradient soils, and the presence of a lean clay confining layer.

The report also notes that an estimated one cubic yard area of soil directly beneath the west wing of the transmitter building remains; however, no underground utilities were present in the area and prior investigations indicated that the release was limited to the former UST basin.

The release was closed on October 7, 2004.

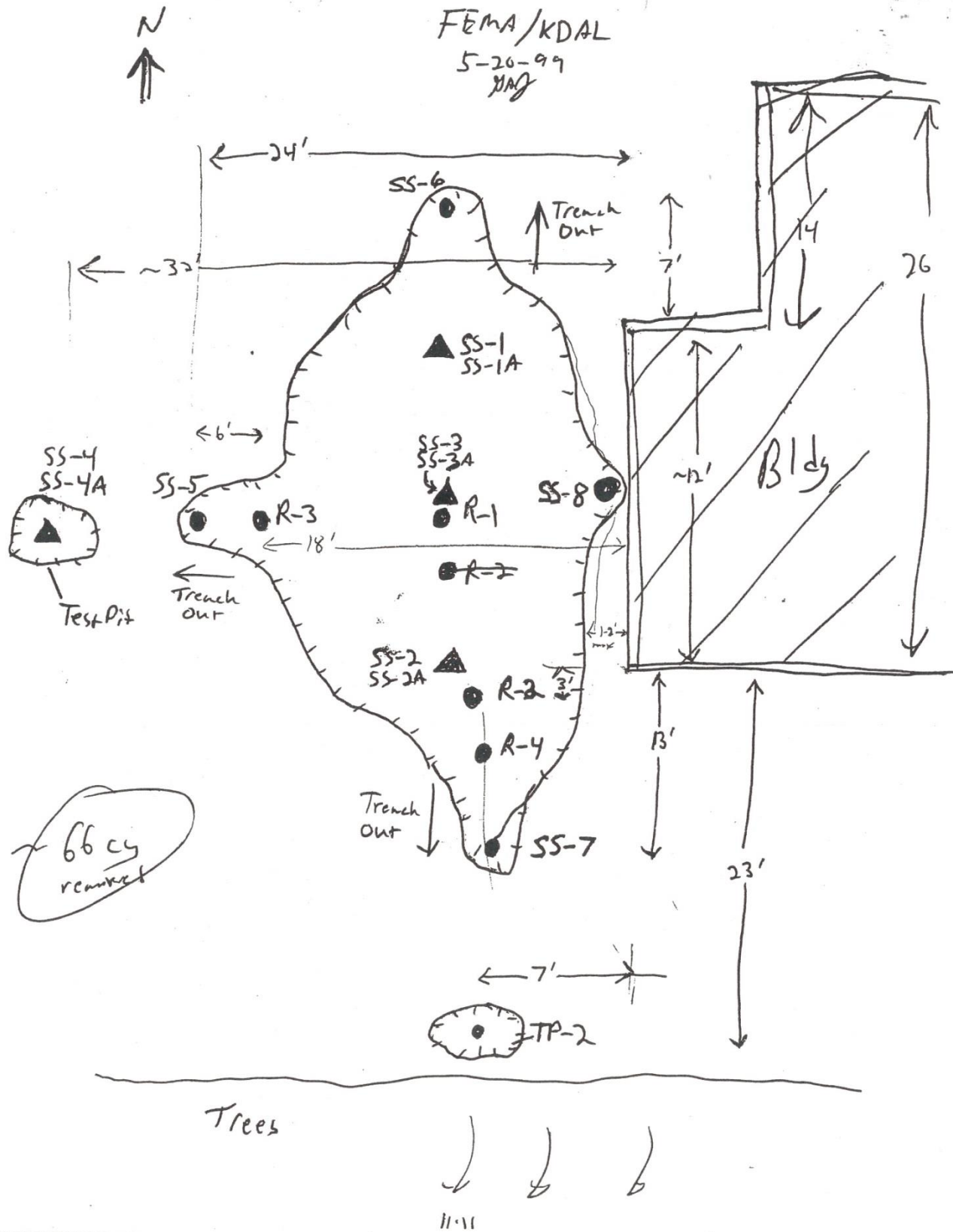
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Land-Based Classifications Standards

Dimensions	Code	Classifications
Activity	4340	Telecommunications-related control, monitor, or distribution activities
Function	4231	Radio and television broadcasting
Structural Character	9200	Unclassifiable structure
Site Development Character	6000	Developed site with buildings
Ownership	1000	No constraints, private ownership

Property Attributes

Category	Comments
PID	010-2380-00340
Legal Description	Lot 0033, Block 028, Roes REARR/BLK 28 Hunters Grassy Point Addition to Duluth
Acres	1.26
Parking	Asphalt-paved parking lot to west of building
Topography	Northern portion of property level, central portion of property slopes moderately downward to the south
FEMA Flood Zone	Zone C, areas of minimal flooding
Census Tract	34
Proximity to Highway Access	Within 1.05 miles of Interstate 35
Existing Buildings	One building constructed by 1953
Previous Investigation	USTs removed in 1999, leak 11620 closed in 2004