

Unarco Industries / Thorco (Wagoner)

(10/21/2016)

Location: (Address and Legal)

4000 SE 15th Street, Wagoner OK 74467.

Lat/Lon (driveway): 35° 56' 39.24" N, 95° 22' 27.21" W

Background: Shopping Cart manufacturer with release from chromium plating tanks. Property formerly used to manufacture diesel trucks.

Air: N/A. Release was dissolved metals.

Soil: Unknown. Affected soil is under building and inaccessible.

Surface Water: Not a concern, as plume is delineated. The site lies on a very low ridge trending NE-SW. Site is 0.9 mi W of nearest ponds, 0.1 mi E of a NW-flowing intermittent stream, and 1.8 mi W of Ft Gibson Lake.

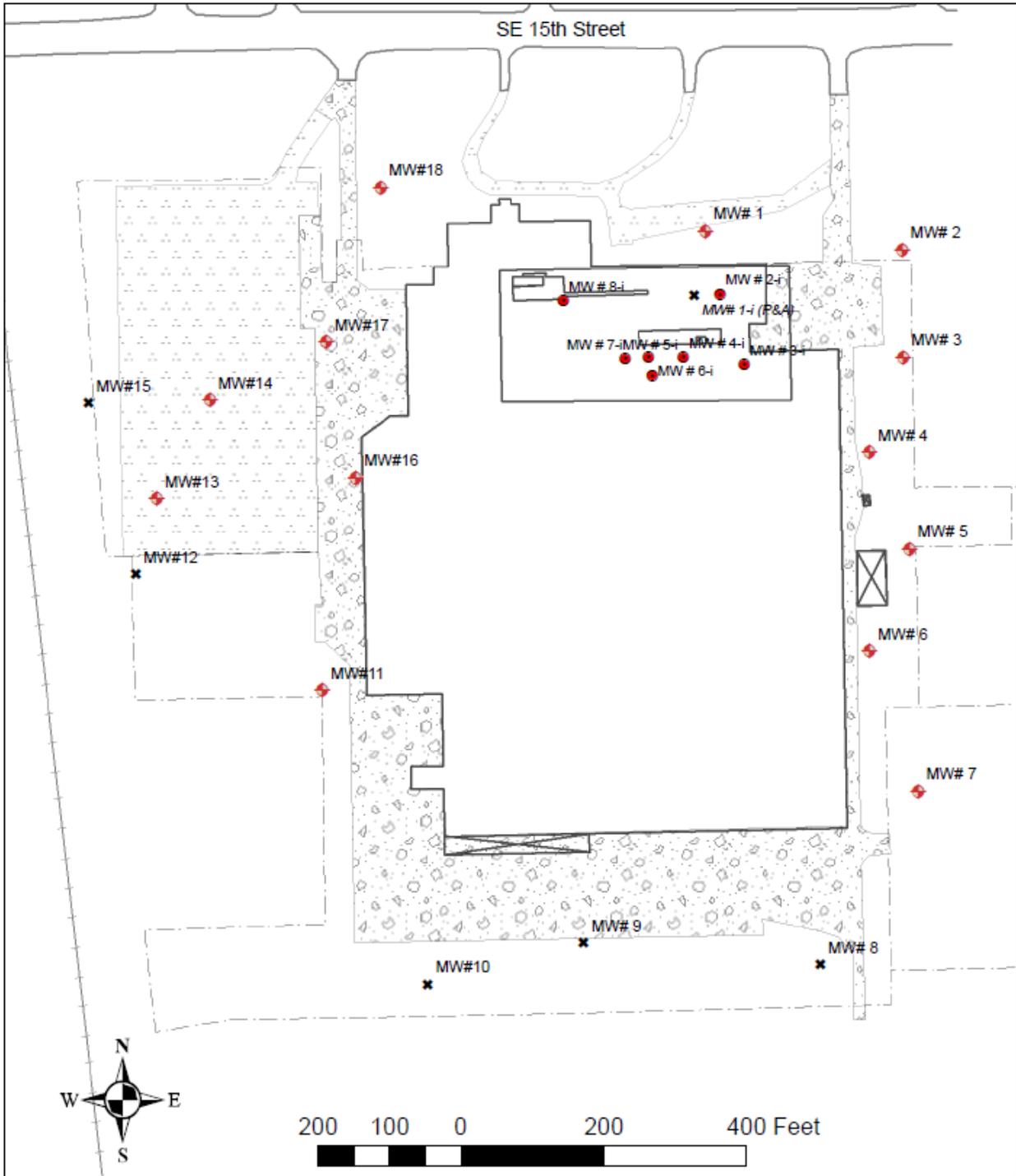
Groundwater: Dissolved Chromium currently up to 33 mg/l under the basement. The plume is delineated, and its migration is prevented using a sump to control the hydraulic gradient under the building. Discharge from the sump goes to a POTW.

Private/Public Wells: Not a concern at this time, as the plume is delineated. OWRB shows the two nearest private wells to be (1) a domestic well 0.85 mi SSE of site (location suspect, as the address is Broken Arrow) and (2) a monitoring well 1 mi NNE of the site

Vapor Intrusion to Indoor Air: Not a concern. Dissolved Chromium and nickel are not present as vapor.

Key Questions:

- **Have all known groundwater contaminant plumes been adequately evaluated and delineated?** Yes
- **Has the site been sampled for an adequate list of analytes?** Yes
- **Does soil or waste need to be cleaned up?** Yes, but it is under the building, making it difficult to address. Currently only the ground water is being addressed.
- **Has the surface water been sampled?** Not a concern as GW plume is delineated.
- **Has soil at the site been cleaned up to levels protective of groundwater?** No, but it is under the building and is currently impractical to address.



MONITOR WELL LOCATIONS
 Unarco Industries, Inc.
 400 SE 15th Street, Wagoner, OK

Legend

- ◆ Outside Wells
- Interior Wells
- ✕ P&A Wells

Background imagery 1-meter aeriels, NAIP 2008;
 Building details from Professional Surveying Inc map
 provided by Alexander Consulting Inc., 2005