

Fairfax North
Jacksonville, Florida
County: Duval
District: Northeast
Site Lead: Waste Cleanup Program
Approved for Cleanup: February 8, 2018
ERIC ID # 5586

Site Description

The Fairfax North site are forty houses located along Fairfax Street, West 19th Street, and 20th Street, in Jacksonville, Florida. The location for the Fairfax North site is the corner of Fairfax Rd. and 19th Street North located in Township 02S, Range 26E, Section 03 at 30° 21' 18.8158" N, 81° 41' 10.9599" W. The site is situated in a densely populated residential area of Jacksonville. The site is bounded to the south by a Norfolk Southern rail line and furthermore the Fairfax Wood Treaters site; to the east, north, and south by single family homes.

Threat

Residents in Duval County are provided drinking water by the Jacksonville Electric Authority (JEA). Within a four-mile radius of the Fairfax north site, there are 32 municipal supply wells. The closest municipal well is located about 340 feet north of the site and is approximately 1300 feet deep. Sampling by JEA did not detect arsenic, chromium or copper in the well. Sampling of permanent monitoring wells installed in the surficial aquifer during the remedial investigation of the FSWT site did not detect levels above drinking water standards.

Response Strategy and Status (December 2019)

The EPA began Remedial Investigation (RI) activities at the FSWT that included groundwater, soil, and sediment sampling. The first draft RI Report was submitted to DEP in September 2012. Additional soil sampling was performed in February 2013, on properties located north, south, and the west of the former facility property to determine the extent of offsite contamination. Sampling also included offsite soil sampling to establish an unaffected soil background concentration for arsenic. The resulting site-specific background arsenic concentration is 2.36 mg/kg. The final RI was submitted by the EPA in May 2014. Results contained in the RI concluded that elevated arsenic and copper in soils north of the site do not appear to be site related as overland migration would have been impeded by the adjacent elevated railroad tracks.

DEP requested that the residential properties located north of the FSWT and railroad be referred for state funded cleanup on December 13, 2017. DEP tasked Golder Associates, Inc. in February 2018 to conduct a file review on FSWT and come up with a proposed path forward and Sampling Plan for the Fairfax North properties. DEP approved the Sampling Plan in May 2018.

Schedule

DEP and Golder sent out permission to enter property letters in July 2018 to the forty property owners to allow access on their property for soil sampling. Currently DEP has obtained site accesses from 31 of the 40 properties.

Soil assessment began in December 2018 and was completed in March 2019 on 30 properties. An Interim Source Removal (ISR) Work Plans was drafted for four properties. Construction for this ISR for these properties were conducted in the summer of 2019.

Currently, two more ISR Work Plans have been approved for four more properties. Additional pre-confirmatory soil sampling is being conducted and another ISR Work Plan is being drafted for three more properties. Construction will begin for one of the approved ISR Work Plans in January 2020.