

New Warrington and Navy Boulevard Pesticide Site
New Warrington Road and Navy Boulevard
Pensacola, Florida
County: Escambia
District: Northwest
Site Lead: Waste Cleanup Program
Accepted for Cleanup: March 21, 2014
ERIC ID # 3963

Site Description and History

The New Warrington and Navy Boulevard Pesticide Site is located in southwest Pensacola, adjacent to the Navy's Corry Station in Township 02S, Range 30W, Section 37, at Latitude 30° 24' 14.0803" N, Longitude 87° 16' 36.1614" W in a mixed commercial/residential area of Pensacola (except for the Navy facility). The site covers a large area of west Pensacola from Corry Station north to New Haven Drive and from North Chaseville Street on the east, west to Patricia Street and is located northwest of the intersection of New Warrington Road and Navy Boulevard, which is the lat/long centroid given above. The locational information will be refined as the assessment proceeds. The contaminated groundwater plume is located under numerous residential, commercial, industrial and military properties in this approximately 2½ square mile area. There is no apparent source of the contamination, but concentrations vary widely throughout the area. The contaminant plume has not been completely delineated. There is also some sediment contamination located in a creek flowing from the vicinity of Corry Station into Bayou Chico.

Threat

Dieldrin is a chlorinated pesticide (and a breakdown product of another pesticide, Aldrin) that was widely used for fire ant and chinch bug control as well as a termite pre-treatment from the 1960s to the early 1980s, but has been banned by the EPA since 1987. The municipal water utilities that serve this area are treating the water they withdraw from the contaminated aquifer before distribution to the public, but private irrigation wells may be contaminated with this pesticide, since no area-wide remedy is taking place at this time.

Response Strategy and Status (December 2020)

It is anticipated that the focus of this remedial action will be limited to the delineation of the dieldrin plume above the GCTL and notification of the affected property owners, due to the impracticality of treating this entire aquifer.

Two rounds of irrigation well sampling have been completed (re-sampling of previously sampled wells [first phase], locating/sampling of additional permitted irrigation wells, installation of additional monitoring wells and sampling of groundwater bodies upstream of the Osceola Golf Course [second phase]) and the owners were informed of these results. A limited number of private potable wells have been identified within the known contaminated area and were referred to the Florida Department of Health for follow-up. DOH completed sampling of four private wells in Spring 2017 and the wells that were sampled were below laboratory detection limits for dieldrin and other pesticides. An expanded round of irrigation well sampling was performed in February

2018 with the result that the same low-levels of dieldrin were detected in 6 of the 16 wells sampled outside of the area previously delineated by PSI.

Schedule

Based on the ubiquitous nature of the dieldrin contamination in the Myrtle Grove and West Pensacola area and the lack of any identifiable source property, DEP's consultant recommended no further action. The Waste Cleanup Program concurs and the site has been referred back to the NW DEP District and the NW Florida Water Management District for further action.