Figures

10 MILES 10 KILOMETERS - DUVAL COUNTY 30°30′ 50 MILES JACKSONVILLE COUNTY 0 50 KILOMETERS 30°15′ BAKER Naval Air Station Jacksonville CLAY COUNTY ST. JOHNS COUNTY 81°40′ 81°42′30″ 30°15′ 30°12′30″ 1 MILE 1 KILOMETER 0 0.5 (295)

Figure 1. Location of NAS Jacksonville

Notes: Shaded areas in larger map are part of NAS Jacksonville

Source: Adapted from Davis 2003

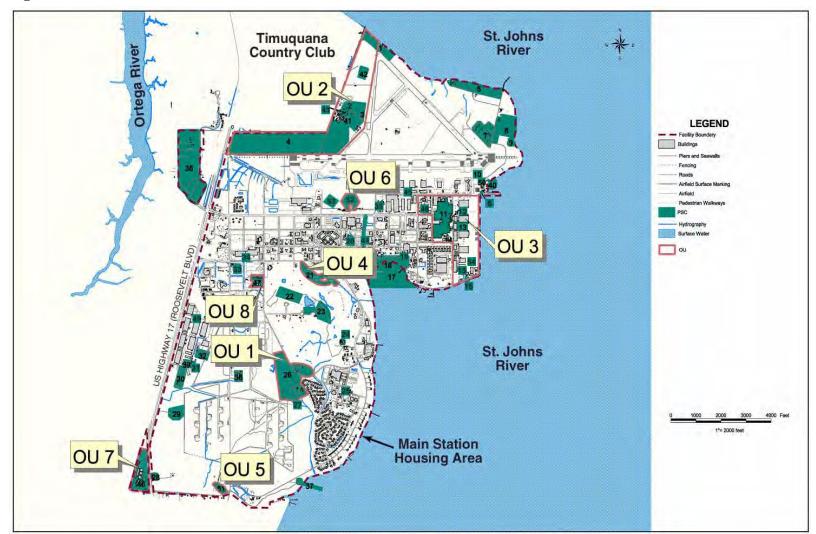


Figure 2. Location of OUs and PSCs at NAS Jacksonville

Source: Adapted from TtNUS, Inc. 2004

Figure 3. Population Demographics Within 1 and 3 Miles of NAS Jacksonville

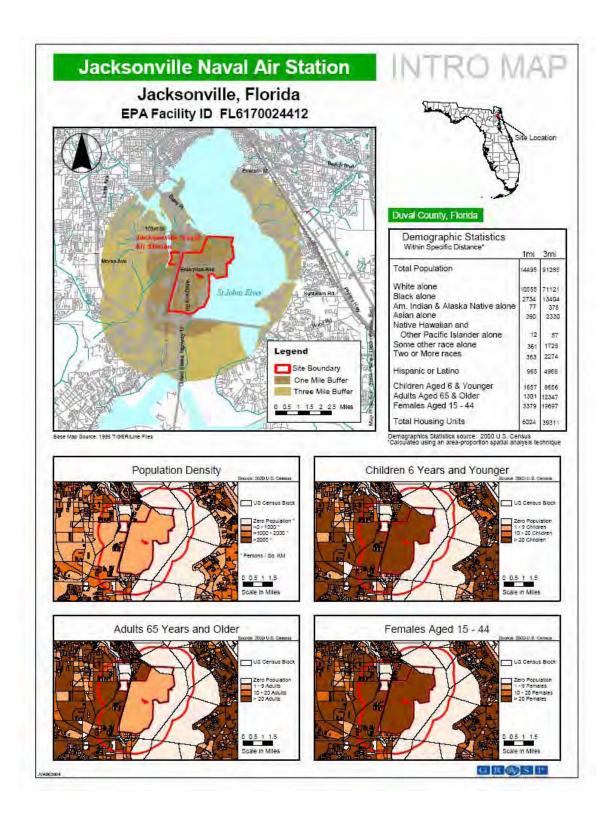


Figure 4. ATSDR Exposure Evaluation Process

REMEMBER: For a public health threat to exist, the following three conditions must all be met:

- Contaminants must exist in the environment
- People must come into contact with areas that have potential contamination
- The amount of contamination must be sufficient to affect people's health

Are the Environmental Media Contaminated?



Are People Exposed
To Areas With
Potentially
Contaminated Media?



For Each Completed Exposure Pathway, Will the Contamination Affect Public Health?

ATSDR considers:

Soil
Ground water
Surface water and sediment
Air
Food sources

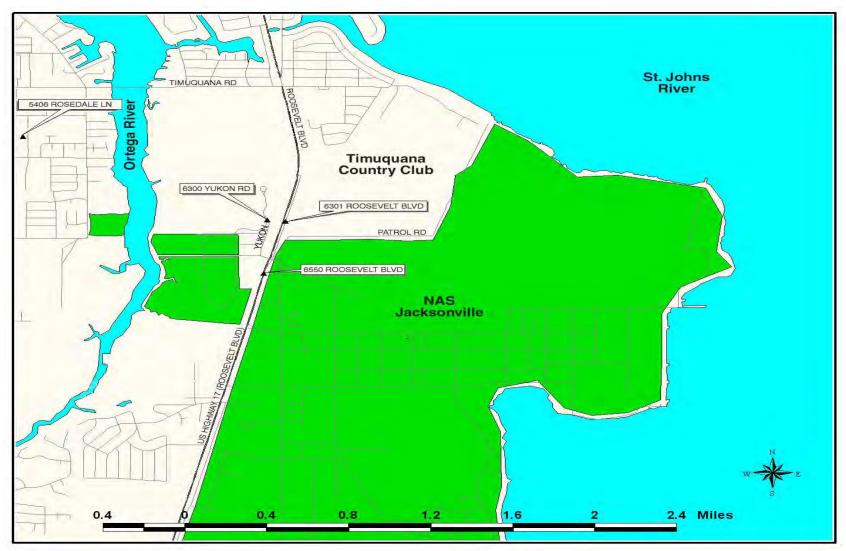
For exposure to occur, contaminants must be in locations where people can contact them.

People may contact contaminants by any of the following three exposure routes:

Inhalation Ingestion Dermal absorption ATSDR will evaluate existing data on contaminant concentration and exposure duration and frequency.

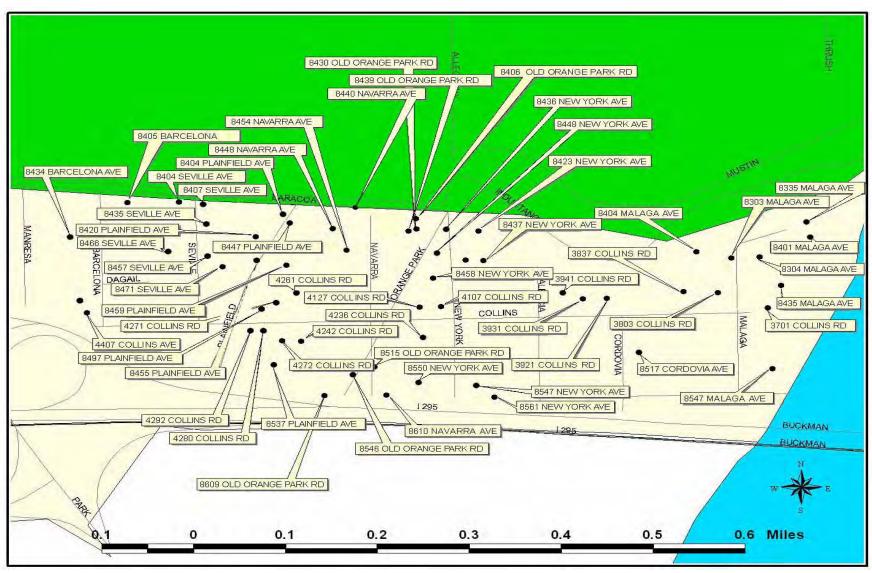
ATSDR will also consider individual characteristics (such as age, gender, and lifestyle) of the exposed population that may influence the public health effects of contamination.

 $\label{lem:continuous} \textbf{Figure 5. Location of Private Well Samples to the North and West of NAS Jacksonville}$



Source: FDOH 2004

Figure 6. Location of Private Well Samples to the South of NAS Jacksonville



Source: FDOH 2004