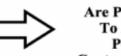
## **Figure 4. Exposure Pathway Figure**

**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?



ATSDR considers:

Soil Ground water Surface water and sediment Air Food sources Are People Exposed To Areas With Potentially Contaminated Media?

For exposure to occur, contaminants

must be in locations where people

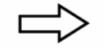
People may contact contaminants by any

of the following three exposure routes:

Inhalation

Ingestion Dermal absorption

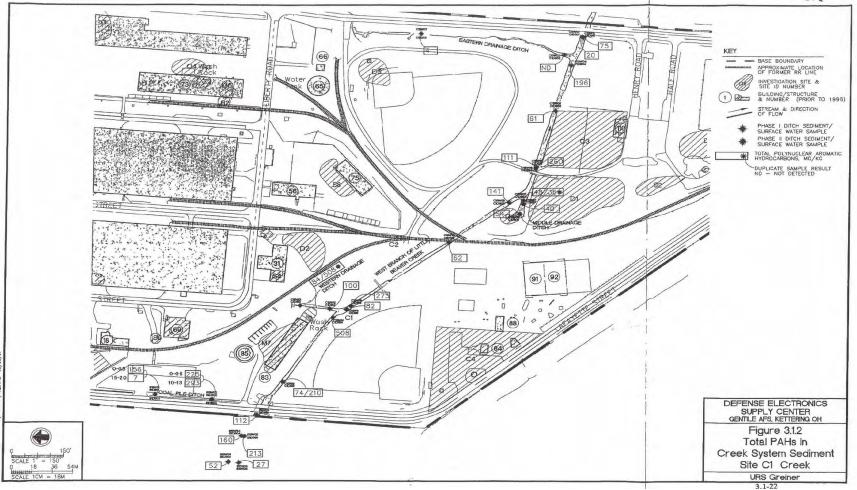
can contact them.



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

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.



**Figure 5. Sediment Sampling Locations Along Little Beaver Creek** 

Source: URS Grenier 1997b.

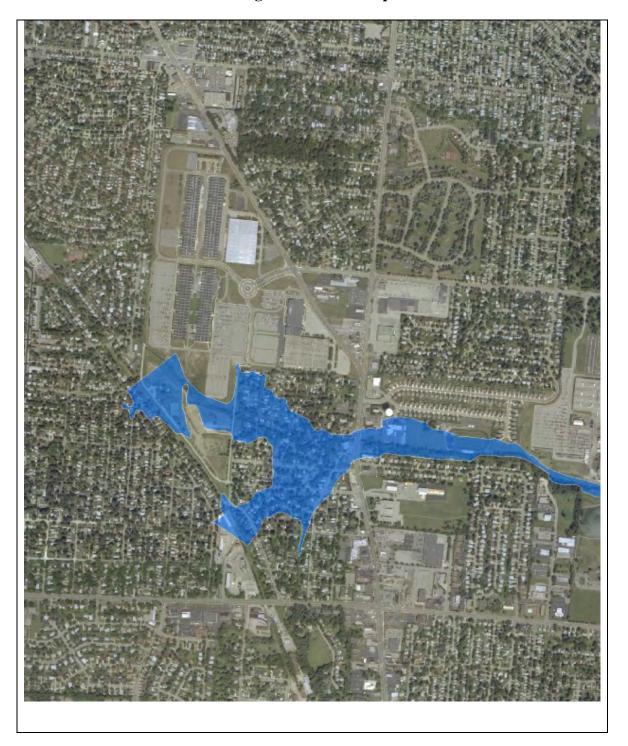


Figure 6. Area Floodplain

Source: Provided by the City of Kettering January 2004.