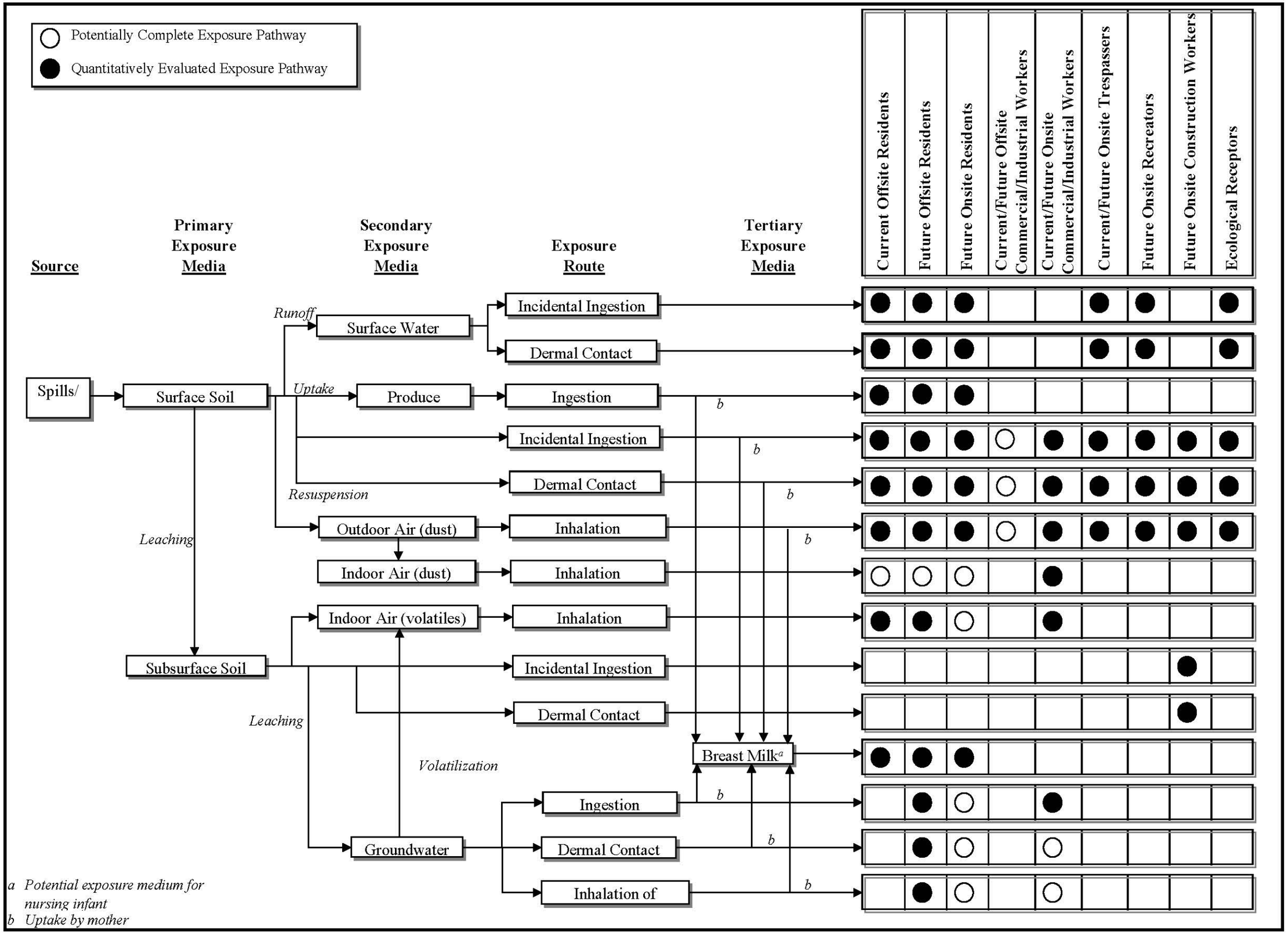

Potentially Complete Exposure Pathway
Quantitatively Evaluated Exposure Pathway
Source
Primary Exposure Media
Secondary Exposure Media
Exposure Route
Tertiary Exposure Media
Current Offsite Residents
Future Offsite Residents
Future Onsite Residents
Current/Future Offsite Commercial/Industrial Workers
Current/Future Onsite Commercial/Industrial Workers
Current/Future Onsite Trespassers
Future Onsite Recreators
Future Onsite Construction Workers
Ecological Receptors
Spills/
Surface Soil
Runoff
Surface Water
Incidental Ingestion
Dermal Contact
Uptake
Produce
Ingestion
Incidental Ingestion
Dermal Contact
Resuspension
Outdoor Air (dust)
Inhalation
Indoor Air (dust)
Inhalation
Leaching
Indoor Air (volatiles)
Inhalation
Subsurface Soil
Incidental Ingestion
Dermal Contact
Leaching
Volatilization
Breast Milk[a]
Ingestion
Groundwater
Dermal Contact
Inhalation of
b
a Potential exposure medium for nursing infant
b Uptake by mother

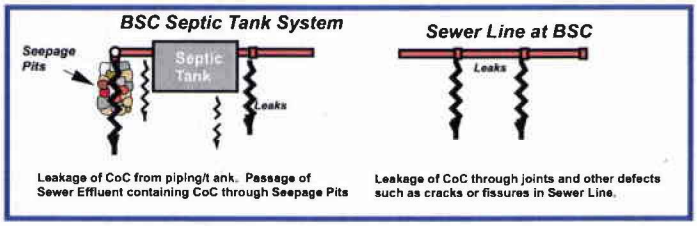
Primary Source

Primary Source of Contamination

Other Sources of Contamination

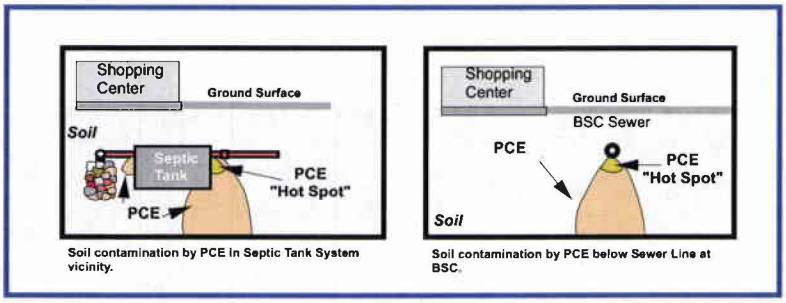
Potential Other Sources may occur at any business connected to Sewer Line which dispenses chemicals of concern (CoC) to the sewer line.

Infrastructure Losses

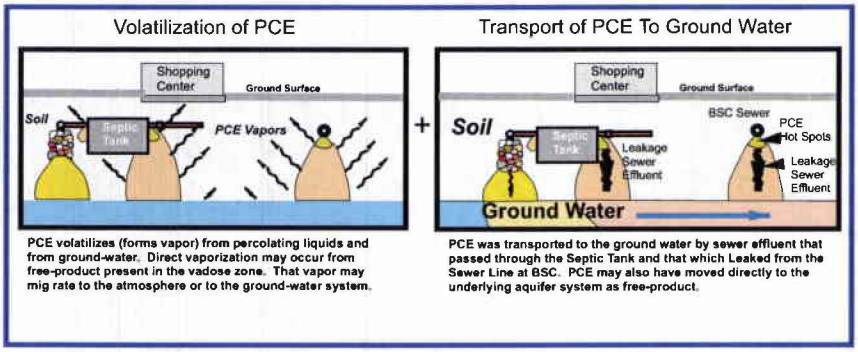


Secondary Sources

Soil Contamination



Transport to Air/ Ground Water



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Bozeman Solvent Site

From: NE&W, 1999

NICKLIN EARTH & WATER, INC.

Primary and Secondary Sources of Contamination at Buttrey Shopping Center

Figure 5