Figures

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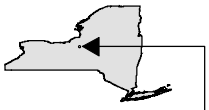
ADAPTED FROM: 1978 SYRACUSE WEST, NY USGS QUADRANGLE.



QUADRANGLE LOCATION

HONEYWELL
WASTEBEDS 1-8 SITE
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

WASTEBEDS 1-8 SITE

SITE LOCATION

0 1,000 2,000 4,000 6,000 8,000

Feet

AUGUST 2010
1163.39642

1:24,000

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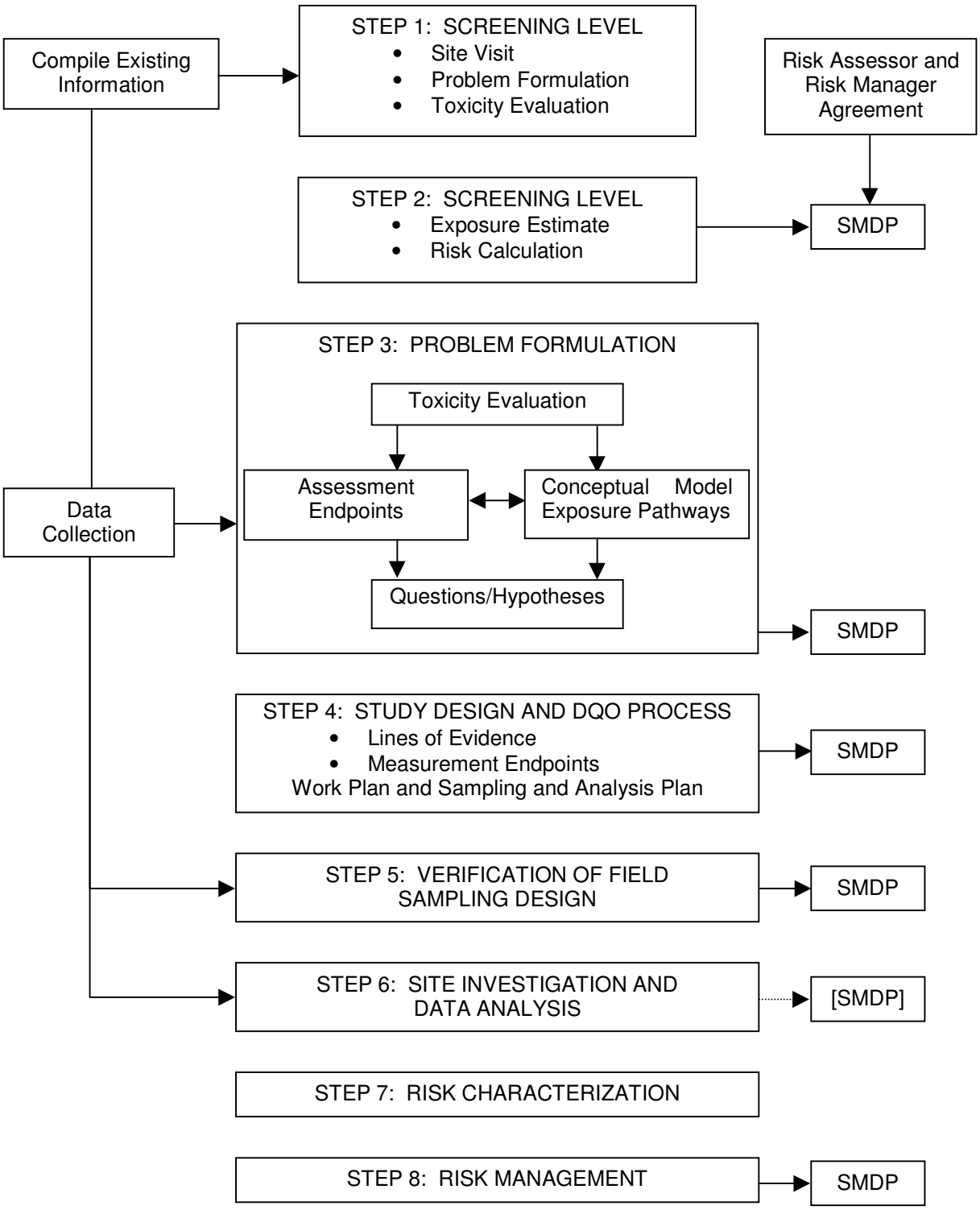

*Source: USEPA 1997*a

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FIGURE 1-2

HONEYWELL
WASTEBEDS 1-8 SITE
BASELINE ECOLOGICAL RISK ASSESSMENT
GEDDES, NEW YORK

Eight-Step Ecological Risk Assessment Process for Superfund

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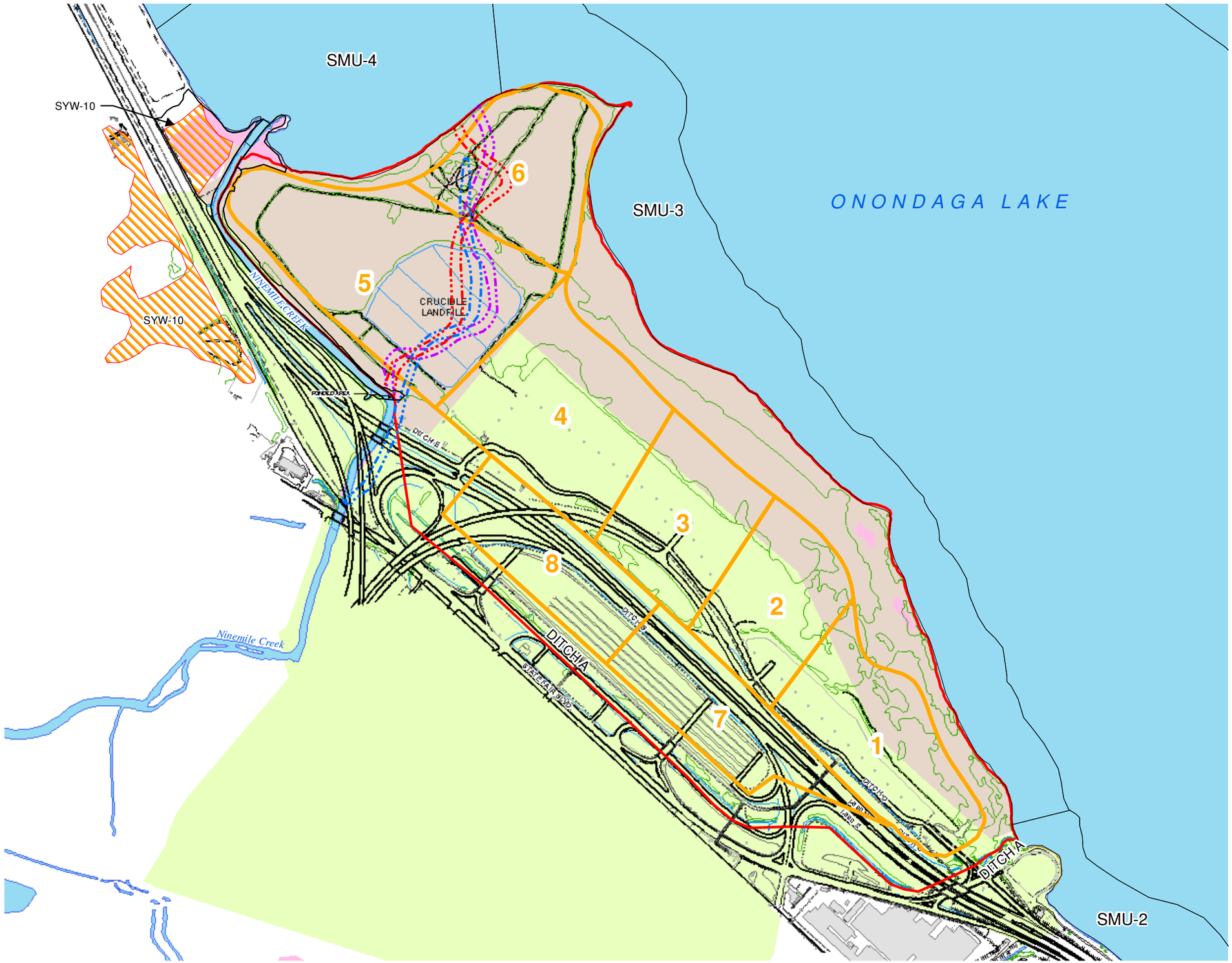
FIGURE 1-3



N

LEGEND

- DELINEATED WETLANDS
- NYS FRESH WATER WETLAND
- APPROXIMATE WASTEBED BOUNDARY
- WASTEBEDS 1-8 SITE

PROPERTY BOUNDARY

- STATE OF NEW YORK
- COUNTY OF ONONDAGA

FORMER NINEMILE CREEK CHANNEL

- USGS TOPO MAP 1898
- THOMSEN ASSOCIATES 1982
- ALLIED DRAWING 1937

HONEYWELL
WASTEBEDS 1-8
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

SITE PLAN

0 400 800 1,600
Feet

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NAME: MortonAK

DATE: 2/23/2010 1:48:07 PM

FIGURE 1-4

LEGEND

- ADJACENT DELINEATED WETLANDS
- WASTEBEDS 1-8 SITE
- BIOSOLIDS AREA
- LAKESHORE AREA (NON-VEGETATED)
- LAKESHORE AREA (VEGETATED)
- CRUCIBLE LANDFILL
- NEW YORK STATE FAIR PARKING AREAS
- UPLAND OLD FIELD SUCCESSIONAL AREA
- PONDED AREA

HONEYWELL
WASTEBEDS 1-8 SITE
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

GENERAL SITE AREAS

0 400 800 1,600
Feet

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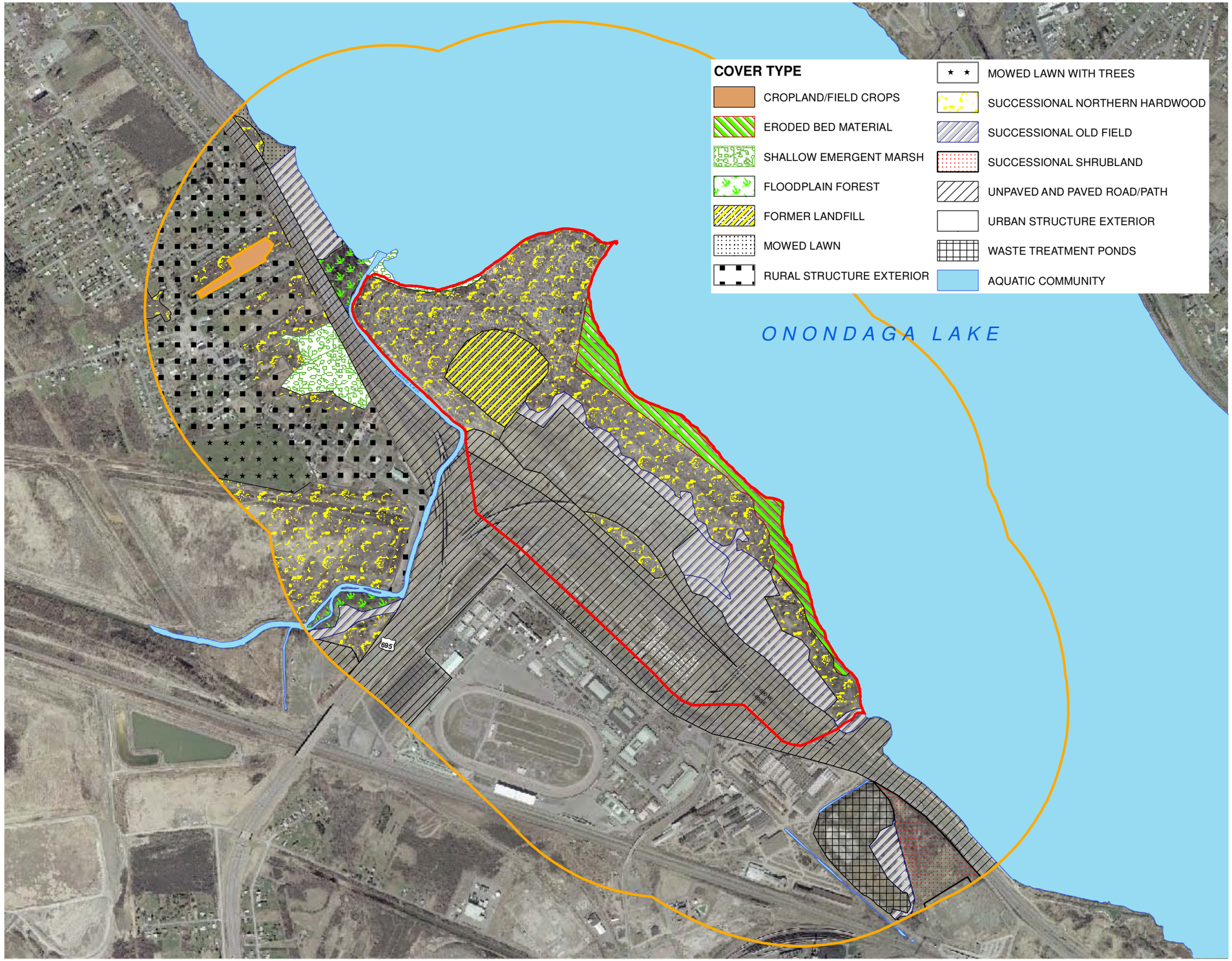
PLOT DATE: 01/30/2008 DIV 71 LSR

FIGURE 2-1



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LEGEND

- WASTEBEDS 1-8 SITE
- HALFMILE RADIUS

HONEYWELL
WASTEBEDS 1-8 SITE
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

STUDY AREA COVERTYPES

0 625 1,250 2,500
Feet

AUGUST 2010
1163.39642

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PLOT DATE: 2/23/10 DIV. 14 AKM

FIGURE 2-2

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N

LEGEND

- WASTEBEDS 1-8 SITE
- DELINEATED WETLANDS
- 2005 WETLAND PLOT
- 2008 WETLAND PLOT
- OFFSITE DELINEATED WETLAND

HONEYWELL
WASTEBEDS 1-8
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

DELINEATED WETLANDS

0 500 1,000 2,000
Feet

AUGUST 2010
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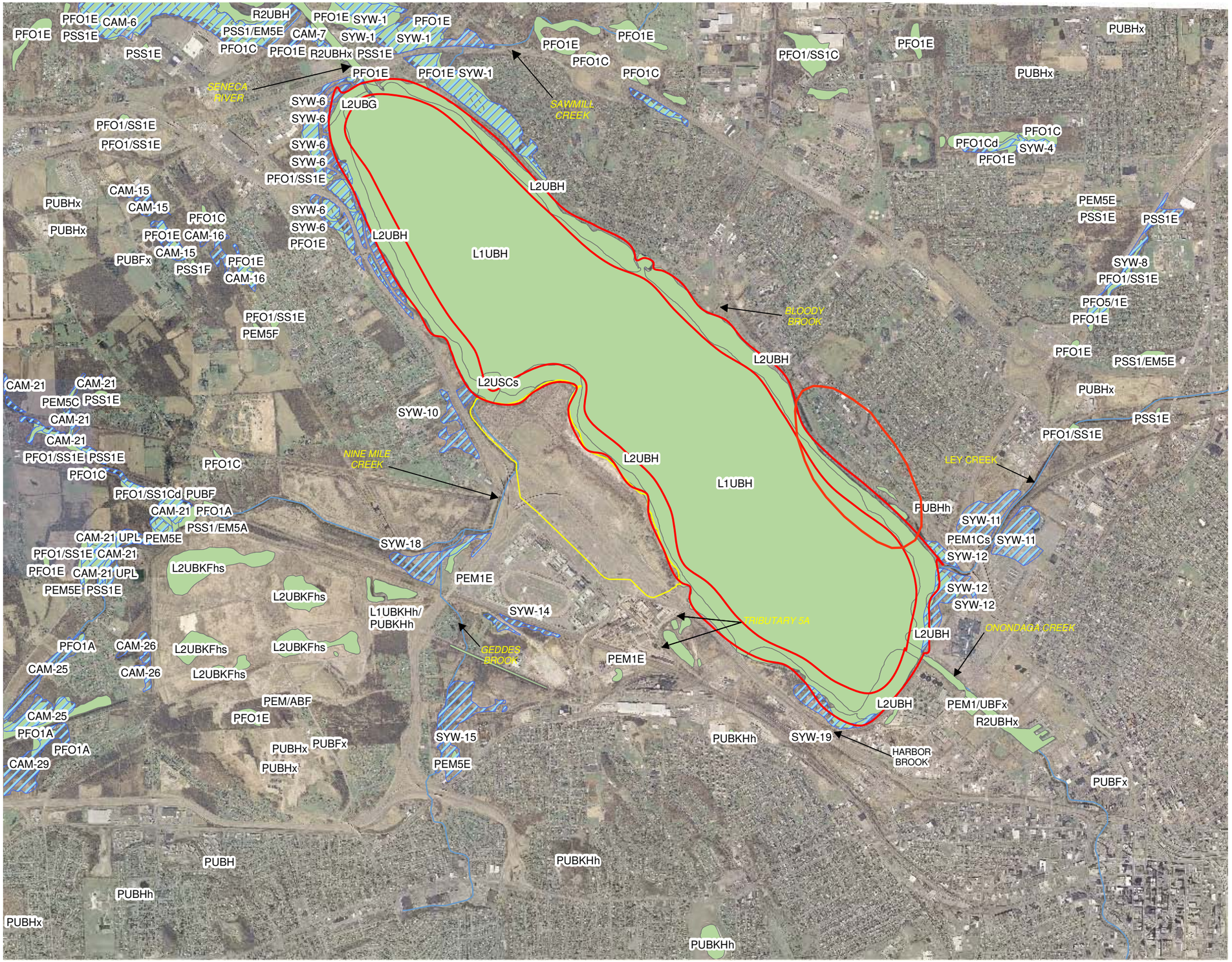
FIGURE 2-3



Legend

- WASTEBEDS 1-8 SITE
- 2 MILE SITE RADIUS
- SYW-11 NYS WETLANDS
- PEM1CS NWI HABITATS
- STREAMS
- APPROXIMATE AREAS OF RARE NATURAL COMMUNITIES

HONEYWELL
WASTEBEDS 1-8 SITE
BASELINE ECOLOGICAL
RISK ASSESSMENT
GEDDES, NEW YORK

DOCUMENTED NATURAL RESOURCES

0 1,500 3,000 6,000
Feet

DECEMBER 2010
1163.39642

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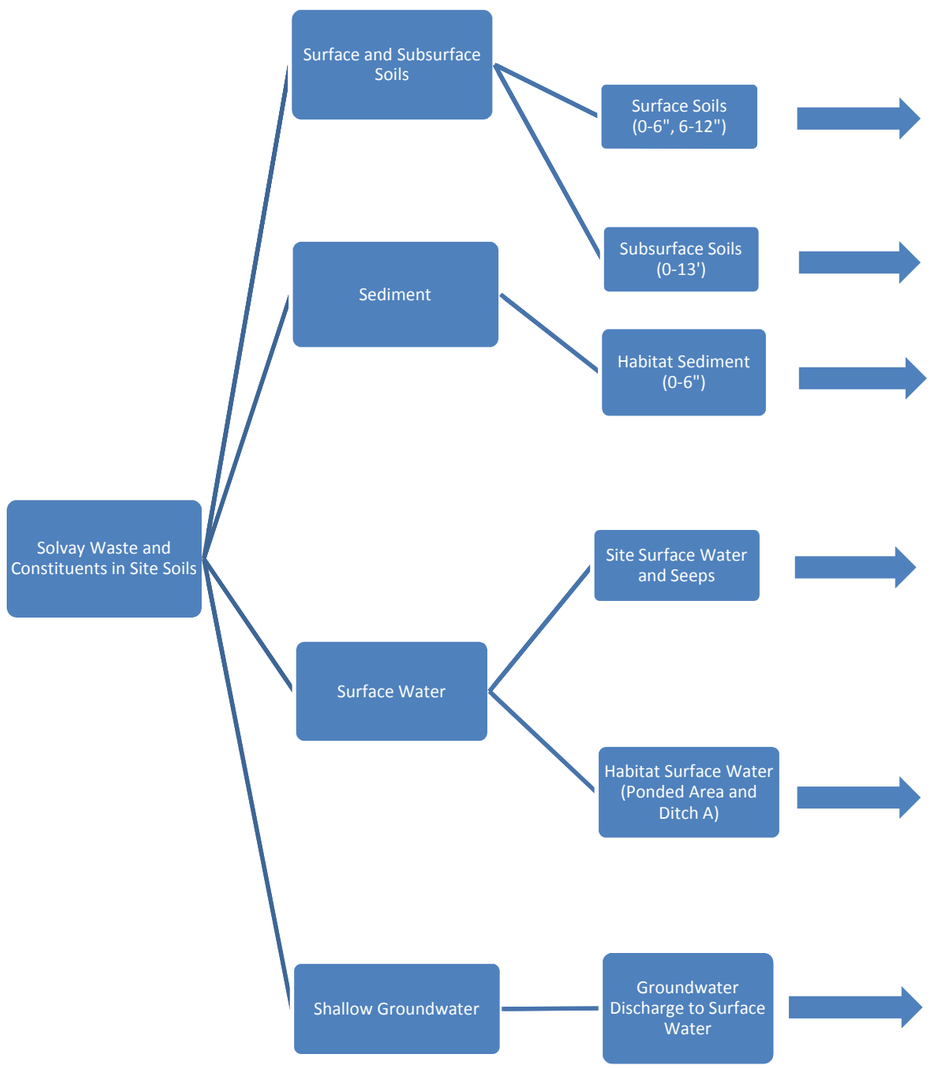
Figure 3-1
Honeywell - Wastebeds 1-8 Site
Baseline Ecological Risk Assessment
Conceptual Ecological Exposure Pathway Site Model



Exposure Routes

Receptors	Incidental Ingestion (soil or sediment)[1]	Direct Contact (*i.e.*, dermal contact)	Food Ingestion[1]	Water Ingestion/ Uptake[1]
Soil Invertebrates	+	+	+	-
American Robin	+	+	+	-
Short-tailed Shrew	+	+	+	-
Red Fox	+	+	+	-
Red-tailed Hawk	+	+	+	-
Mink	+	+	+	-
Plants	-	+	-	-
Benthic Invertebrates	-	+	-	-
Great Blue Heron	+	+	+	-
Belted Kingfisher	+	+	+	-
Mink	-	+	+	-
Fish	-	+	-	-
American Robin	-	-	-	+
Short-tailed Shrew	-	-	-	+
Red Fox	-	-	-	+
Red-tailed Hawk	-	-	-	+
Great Blue Heron	-	-	-	+
Belted Kingfisher	-	-	-	+
Mink	-	-	-	+
Great Blue Heron	-	+	+	+
Belted Kingfisher	-	+	+	+
Mink	-	+	+	+
Fish	-	+	-	-
American Robin	-	-	-	+
Short-tailed Shrew	-	-	-	+
Red Fox	-	-	-	+
Red-tailed Hawk	-	-	-	+
Great Blue Heron	-	-	-	+
Belted Kingfisher	-	-	-	+
Mink	-	-	-	+

Notes: Inhalation is not considered a major pathway to Site contaminats, and therefore is not represented on this figure.

"+" = Exposure pathway has potential to occur for the associated receptor.

"-" = Exposure pathway not likely to occur for the associated receptor.

1 = Exposure routes with "+" were quantitatively evaluated via food chain modeling.