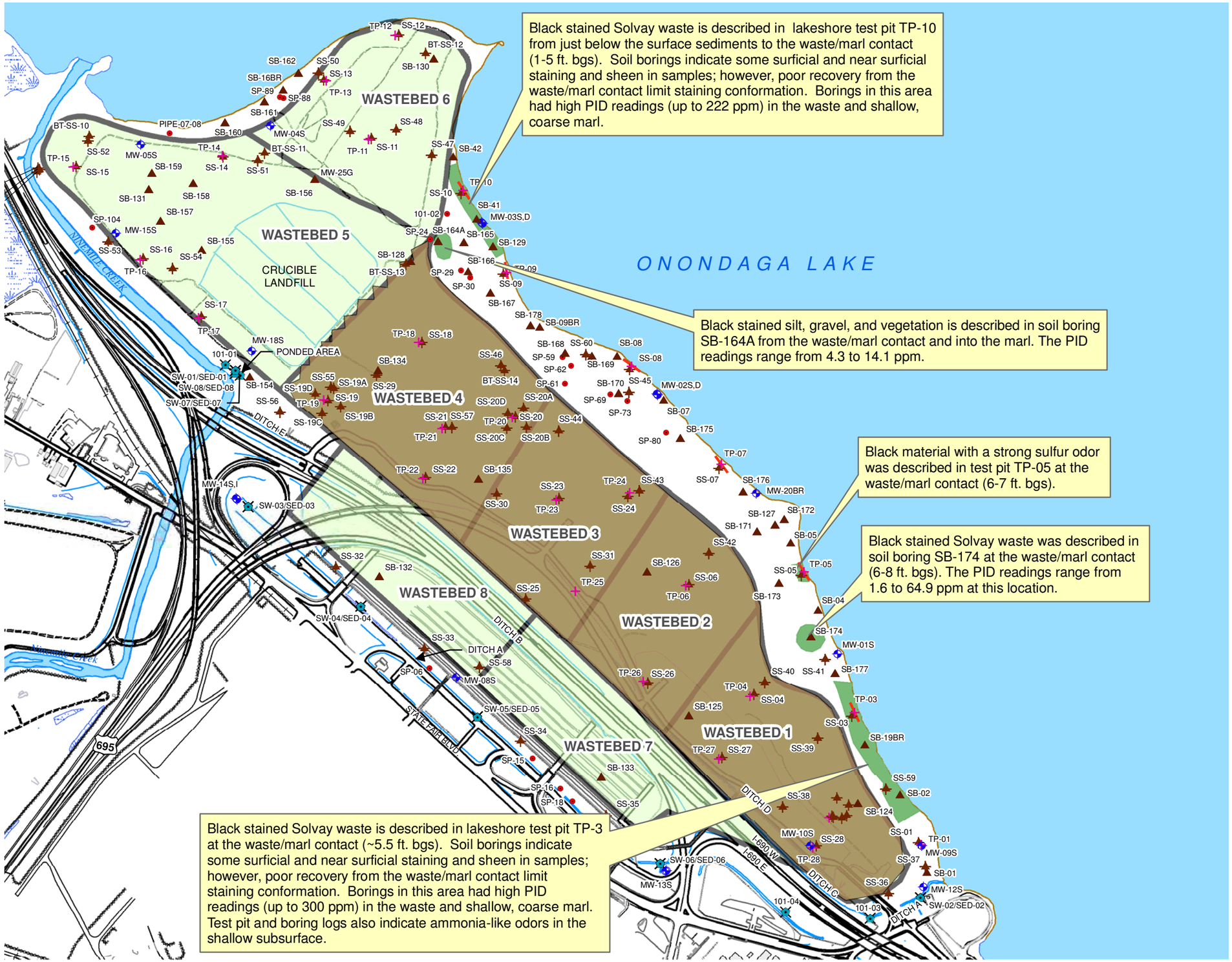
FIGURE 3-2



N

LEGEND

- MONITORING WELL
- SOIL BORING
- SURFACE WATER/SEDIMENT
- SURFACE SOIL
- TEST PIT
- SEEP WATER/SEDIEMNT
- WASTEBEDS
- STAINED SOLVAY WASTE (APPROXIMATELY 3-17 FT THICK)
- APPROXIMATE EXTENT OF STAINED MATERIALS OUTSIDE FOOTPRINT OF WASTEBEDS

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

APPROXIMATE EXTENT OF STAINED SOILS AND SOLVAY WASTE

0 350 700 1,400
Feet

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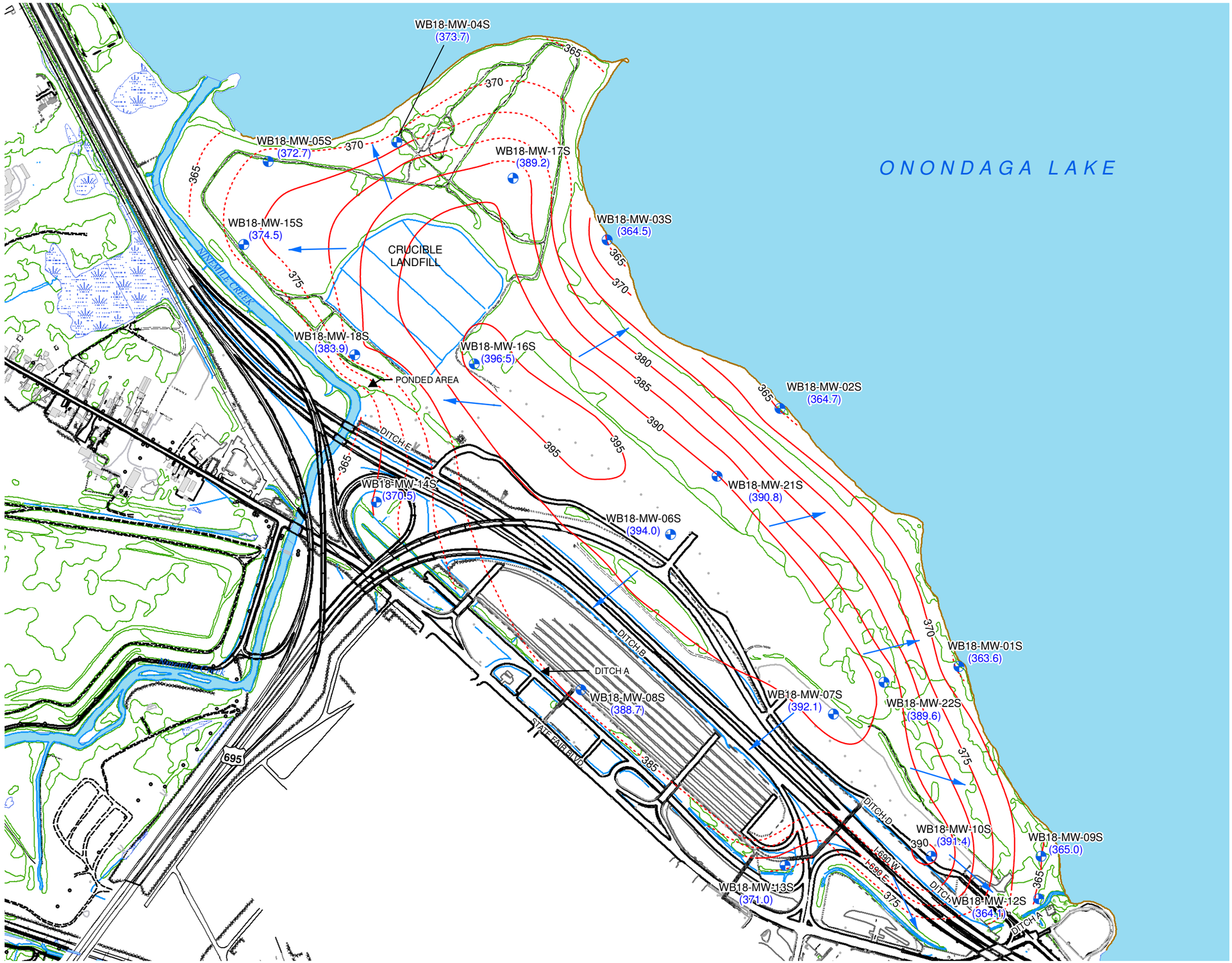
PATH: I:\Honeywell.1163\39642.Wastebeds-1-8-R\dwg\MXD\BERA_2010\Figure3-2_1-8_FFS_SW-SOIL_STAIN_Rev.mxd

NAME: MortonAK

DATE: 3/2/2010 11:18:20 AM

FIGURE 3-3



LEGEND

- MONITORING WELL
- EQUIVALENT FRESH WATER HEAD ELEVATION CONTOUR
- INFERRED EQUIVALENT FRESH WATER HEAD ELEVATION CONTOUR
- (363.3) MEASURED GROUNDWATER ELEVATION
- SURFACE FLOW DIRECTION

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

SHALLOW ZONE GROUNDWATER ELEVATION CONTOURS (DECEMBER 2007)

0 350 700 1,400
Feet

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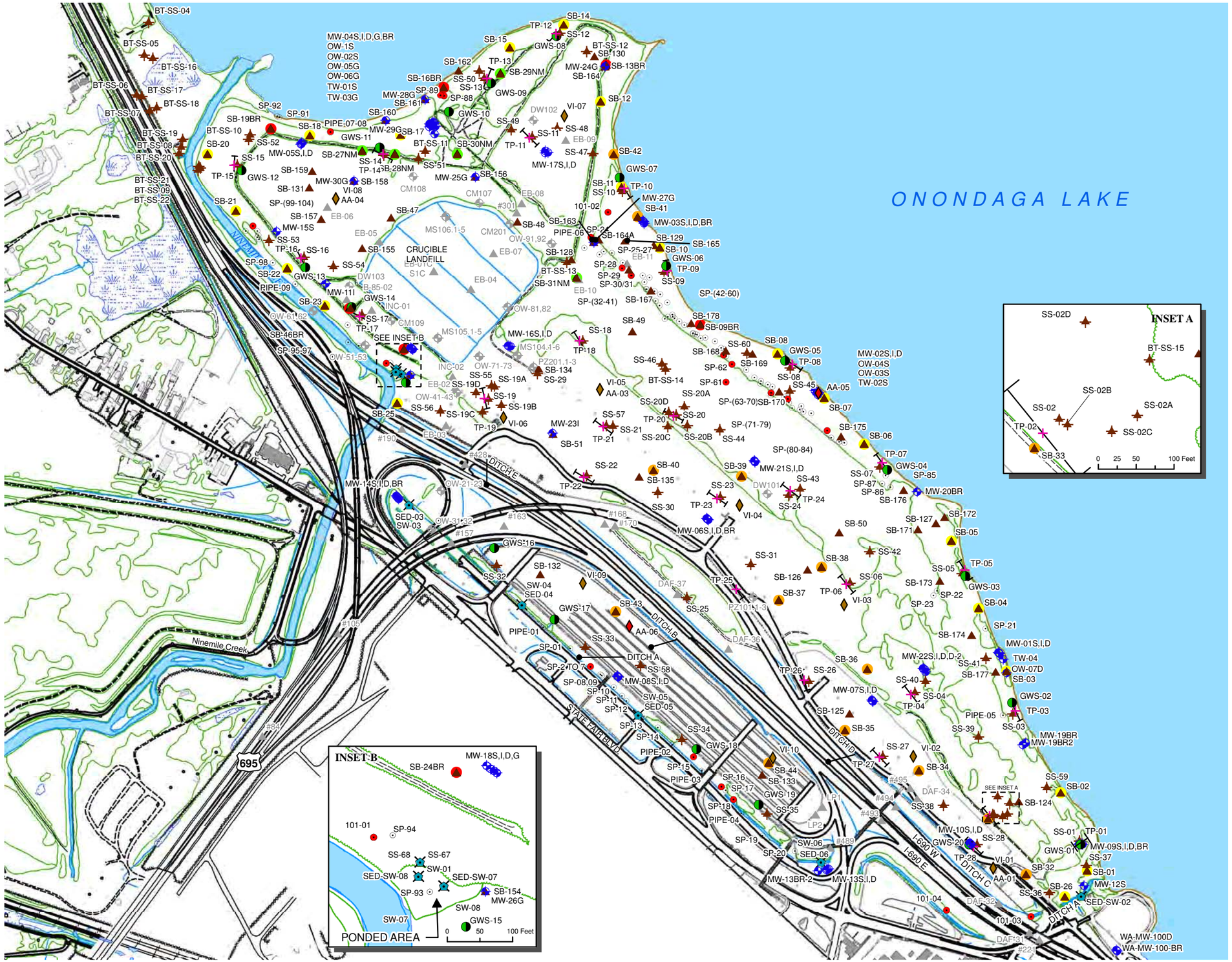
NAME: MortonAK

DATE: 3/2/2010 12:11:57 PM

FIGURE 3-4



N

LEGEND

SAMPLE LOCATIONS

- AMBIENT AIR
- MONITORING WELL
- GROUNDWATER SCREENING
- SOIL BORING
- SURFACE SOIL
- SURFACE WATER/SEDIMENT
- TEST PIT SAMPLE
- VAPOR INTRUSION
- SEEP WATER/SEDIMENT (sampled)
- SEEP WATER/SEDIMENT (not sampled)
- BORING TO TOP OF BEDROCK/TILL
- BEDROCK BORING/MONITORING WELL
- BORING TO SILT AND CLAY
- BORING (SOURCE CHARACTERIZATION)
- BORING (NMC GRAVEL/ SAND DELINEATION)

HISTORICAL LOCATIONS (NOT SAMPLED)

- MONITORING WELL
- SOIL BORING
- TEST PIT

WB18 PREFIX REMOVED FROM SAMPLE IDs FOR CLARITY

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

SAMPLING LOCATIONS

0 350 700 1,400
Feet

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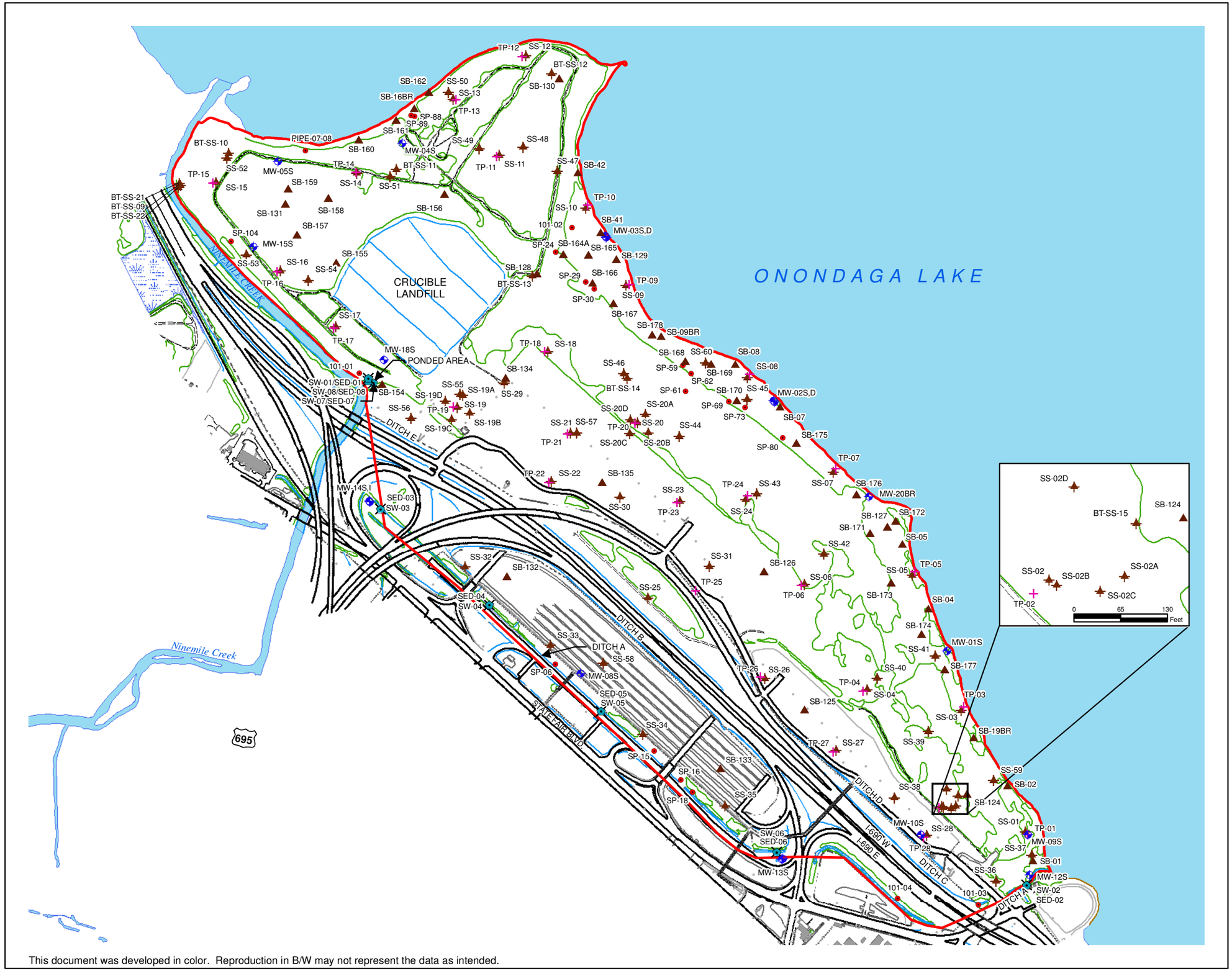
NAME: NewtonJM

DATE: 8/19/2010 6:59:40 AM

FIGURE 3-5



LEGEND

SITE BOUNDARY

LOCATION TYPE

- MONITORING WELL
- SURFACE SOIL
- SURFACE WATER/SEDIMENT
- SEEP/WATER/SEDIMENT
- TEST PIT

WB18- PREFIX REMOVED FROM SAMPLE IDs FOR CLARITY.

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

BERA SELECTED SAMPLE LOCATIONS

0 350 700 1,400
Feet

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NAME: NewtonJM

DATE: 8/19/2010 7:07:57 AM

Figure 6-1
Honeywell - Wastebeds 1-8 Site
Baseline Ecological Risk Assessment
Exposure Pathway Data Assessment Model for Upper Trophic Level Receptors

Receptor	Exposure Route	Data Utilized in Exposure Assessment	Site-specific Rationale/Assumptions
American robin	Incidental soil ingestion	Site surface soils (including seep soils)	Robin will frequent all non-aquatic habitat during foraging
	Water ingestion	Site surface water (including seep water)	Robin will frequent all water sources when thirsty
	Consumption of terrestrial invertebrates	Site surface soils (including seep soils)	Terrestrial invertebrates will live in all non-submerged soils
	Consumption of terrestrial vegetation	Site surface soils (including seep soils)	Terrestrial vegetation will grow in all non-submerged soils
Short-tailed shrew	Incidental soil ingestion	Site surface soils (including seep soils)	Shrew will frequent all non-aquatic habitat during foraging
	Water ingestion	Site surface water (including seep water)	Shrew will frequent all water sources when thirsty
	Consumption of terrestrial invertebrates	Site surface soils (including seep soils)	Terrestrial invertebrates will live in all non-submerged soils
Red fox	Incidental soil ingestion	Site surface soils (including seep soils)	Fox will frequent all non-aquatic habitat during foraging
	Water ingestion	Site surface water (including seep water)	Fox will frequent all water sources when thirsty
	Consumption of terrestrial vegetation	Site surface soils (including seep soils)	Terrestrial vegetation will grow in all non-submerged soils
	Consumption of small mammals	Site surface soils (including seep soils)	Small mammals can potentially be exposed to all non-submerged soils
Red-tailed hawk	Incidental soil ingestion	Site surface soils (including seep soils)	Hawk will frequent all non-aquatic habitat during foraging
	Water ingestion	Site surface water (including seep water)	Hawk will frequent all water sources when thirsty
	Consumption of small mammals	Site surface soils (including seep soils)	Small mammals can potentially be exposed to all non-submerged soils
Great blue heron	Incidental Sediment Ingestion	Sediment from Ditch A and Ponded Area	Heron only frequents Ditch A and Ponded Area for foraging
	Water ingestion	Surface water from Ditch A and Ponded Area	Heron only frequents Ditch A and Ponded Area
	Consumption of fish	Sediment or surface water from Ditch A & Ponded Area	Fish only occur in Ditch A and Ponded Area
Belted kingfisher	Incidental sediment ingestion	Sediment from Ditch A and Ponded Area	Kingfisher only frequents Ditch A and Ponded Area for foraging
	Water ingestion	Sediment or surface water from Ditch A & Ponded Area	Kingfisher only frequents Ditch A and Ponded Area
	Consumption of fish	Sediment or surface water from Ditch A & Ponded Area	Fish only occur in Ditch A and Ponded Area
Mink	Incidental soil ingestion	Site surface soils (including seep soils)	Mink will frequent all non-aquatic habitat during foraging
	Water ingestion	Site surface water (including seep water)	Mink will frequent all water sources when thirsty
	Consumption of small mammals	Site surface soils (including seep soils)	Small mammals can potentially be exposed to all non-submerged soils
	Consumption of aquatic invertebrates	Sediment or surface water from Ditch A & Ponded Area	Aquatic invertebrates only occur in Ditch A and Ponded Area
	Consumption of fish	Sediment or surface water from Ditch A & Ponded Area	Fish only occur in Ditch A and Ponded Area

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