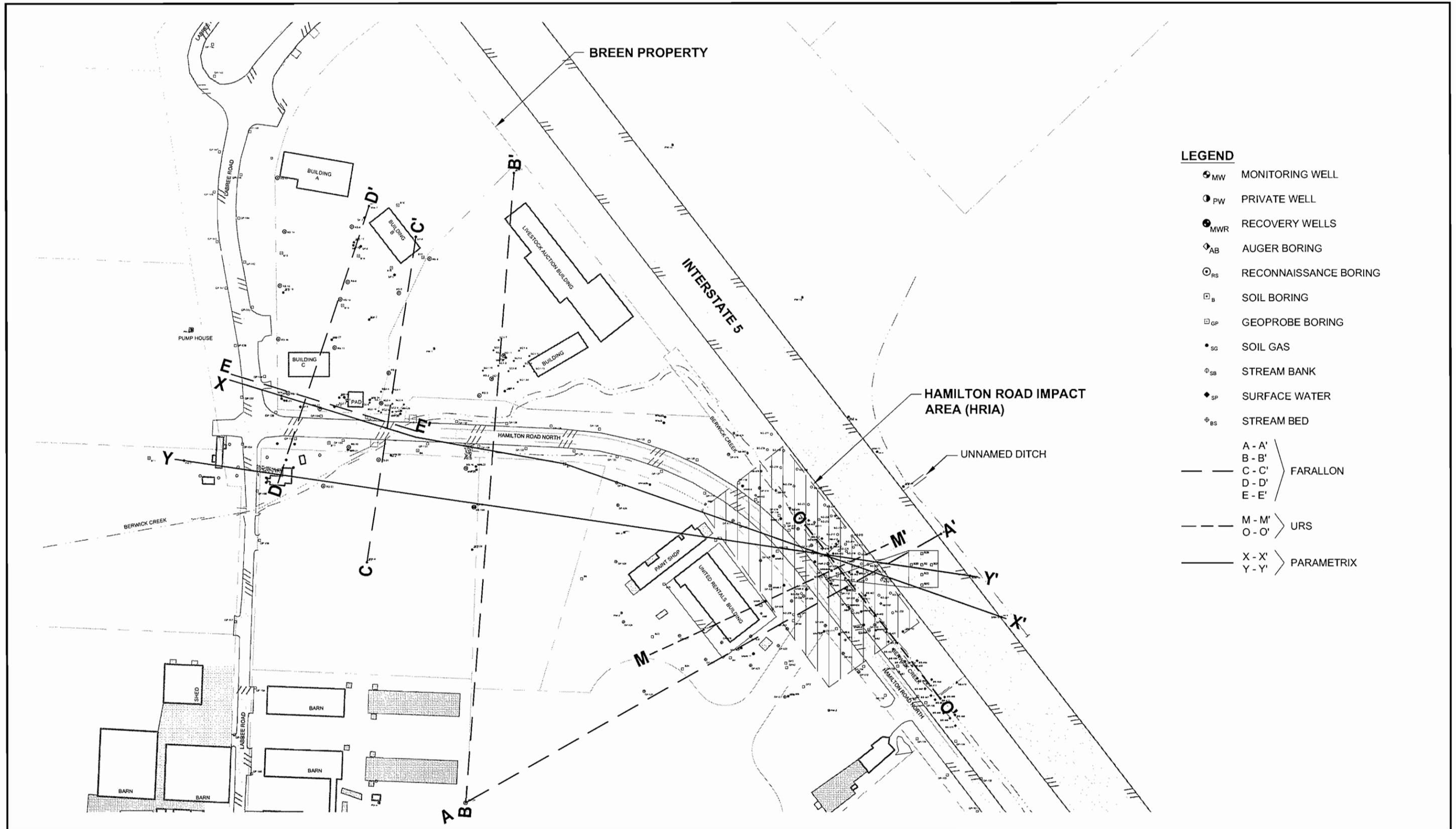


APPENDIX B

Geologic Cross-Sections and Isoconcentration Contour Maps



- LEGEND**
- ⊕_{MW} MONITORING WELL
 - ⊙_{PW} PRIVATE WELL
 - ⊕_{MWR} RECOVERY WELLS
 - ⊕_{AB} AUGER BORING
 - ⊕_{RS} RECONNAISSANCE BORING
 - ⊕_B SOIL BORING
 - ⊕_{GP} GEOPROBE BORING
 - _{SG} SOIL GAS
 - ⊕_{SB} STREAM BANK
 - ◆_{SP} SURFACE WATER
 - ⊕_{BS} STREAM BED
- A - A' } FARALLON
 B - B' }
 C - C' }
 D - D' }
 E - E' }
- M - M' } URS
 O - O' }
- X - X' } PARAMETRIX
 Y - Y' }

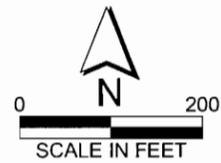
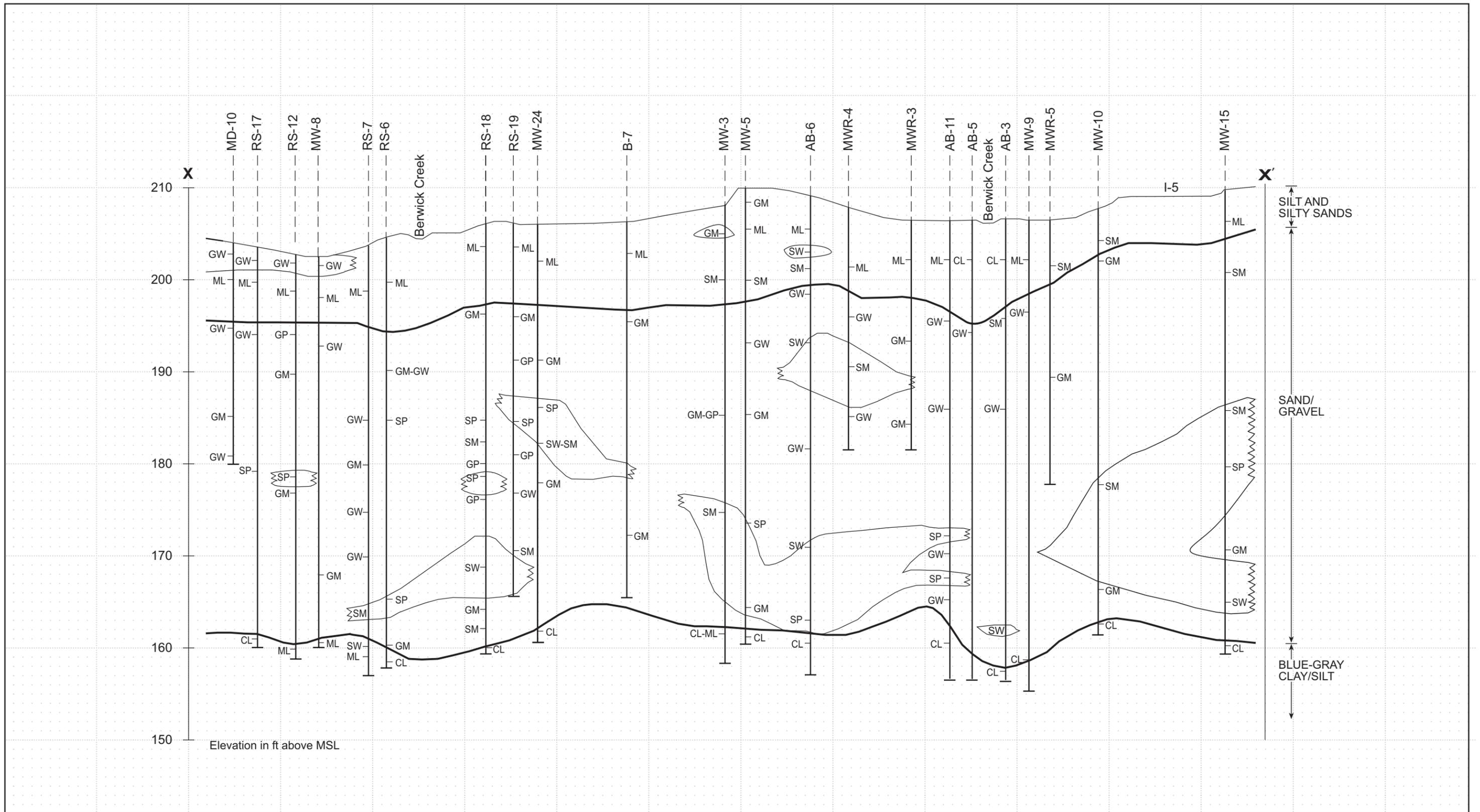


Figure B-1
Hamilton/Labree Roads Superfund Site
Cross Section Overview



Parametrix 415-2328-007/024(RR01) 4/06 (B)



Scale: Horizontal 1" = 150ft
Vertical 1" = 10ft

Figure B-2
Hamilton/Labree Roads Superfund Site
Cross-Section X-X'

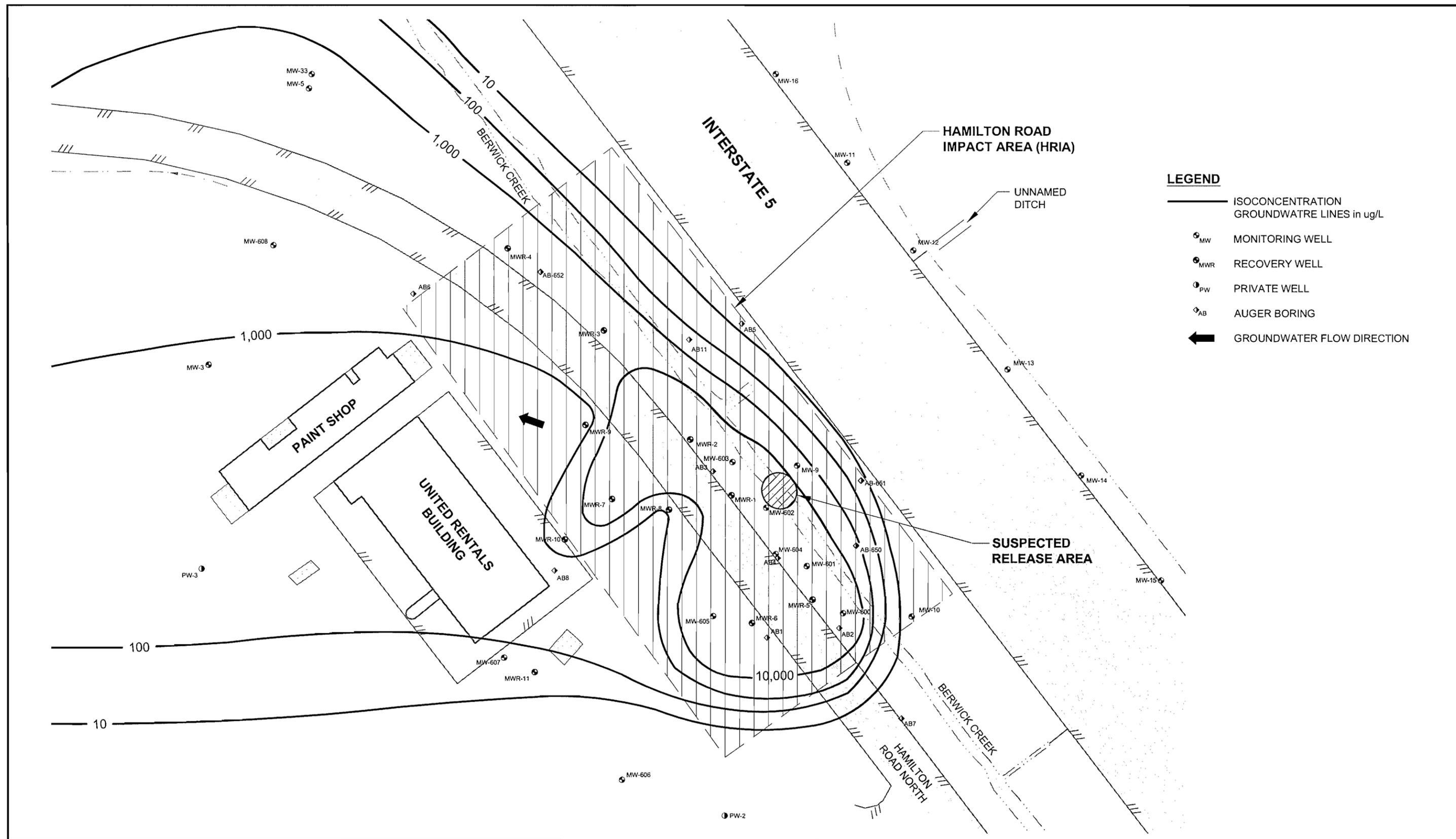


Figure B-4
Hamilton/Labree Roads Superfund Site
HRIA Isoconcentration Plot

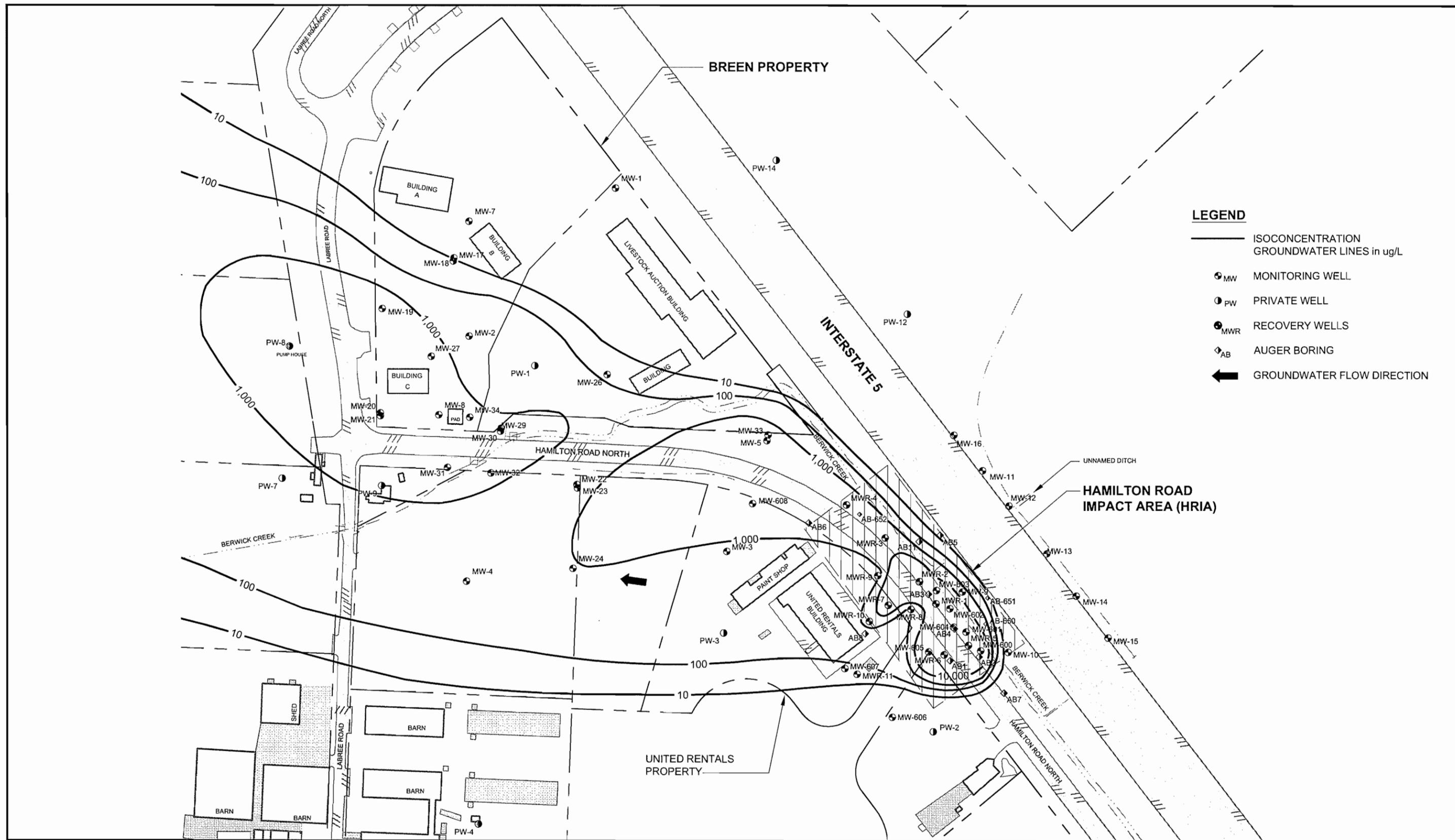
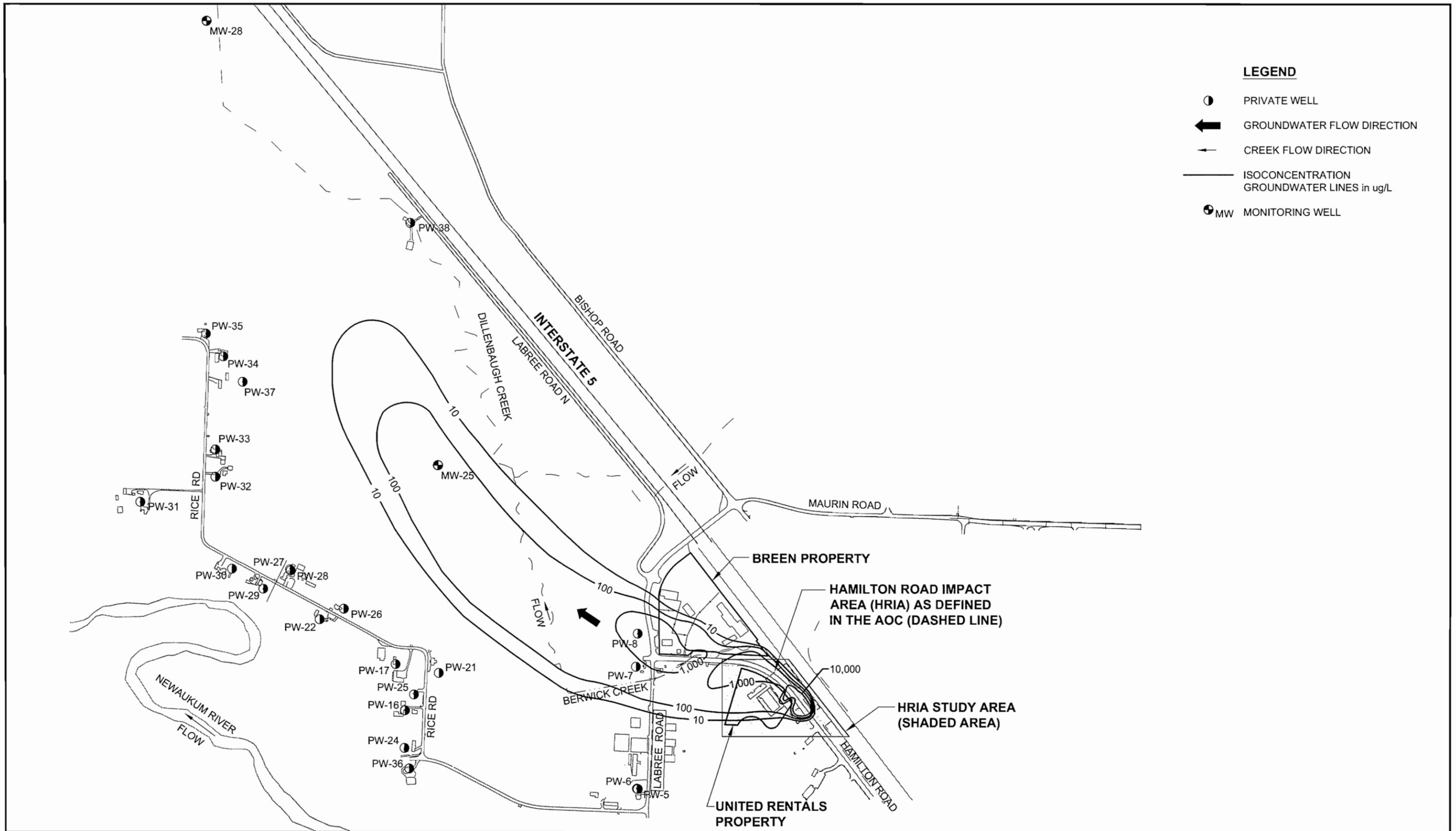


Figure B-5
Hamilton/Labree Roads Superfund Site
Breen Property and
HRIA Isoconcentration Plot



LEGEND

- PRIVATE WELL
- ← GROUNDWATER FLOW DIRECTION
- ↔ CREEK FLOW DIRECTION
- ISOCONCENTRATION GROUNDWATER LINES in ug/L
- MW MONITORING WELL

Parametrix DATE: Apr 07, 2006 FILE: BR2328007P024TFS01_F-11

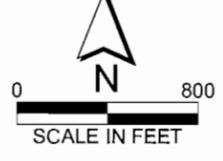
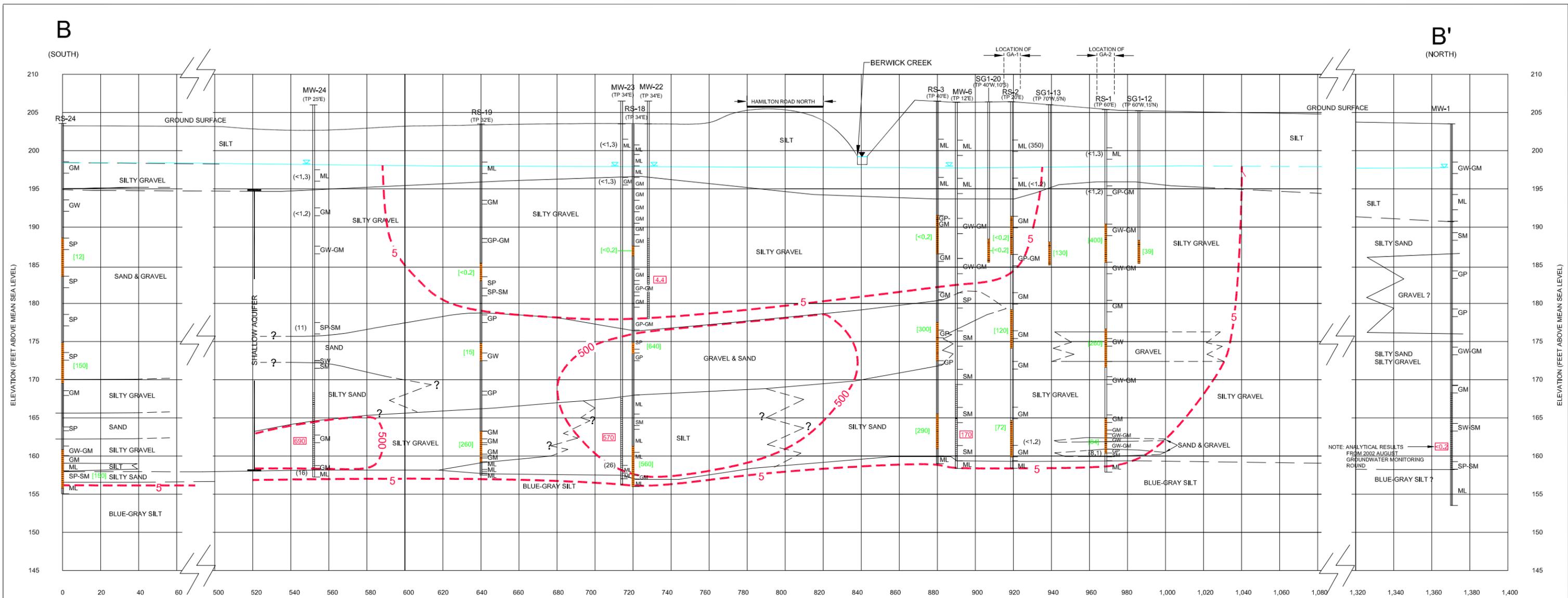


Figure B-6
Hamilton/Labree Roads Superfund Site
Regional Isoconcentration Plot

ADDITIONAL CROSS-SECTIONS AND ISOCONCENTRATION CONTOUR MAPS

SOURCE: FARALLON (2003)

URS (2004)



NOTE: ANALYTICAL RESULTS FROM 2002 AUGUST GROUNDWATER MONITORING ROUND

LEGEND

MW-4 (TP229)

BORING LOCATION TRANPOSED (TP) IN FEET, NORTH (N), SOUTH (S), EAST (E), OR WEST (W) TO CROSS SECTION LINE

SOIL SAMPLE INTERVAL

BLANK CASING

POTENTIOMETRIC SURFACE, DASHED WHERE INFERRED (NOVEMBER, 2002)

GEOLOGIC CONTACT, INFERRED WHERE QUERIED

TEMPORARY WELL SCREEN INTERVAL

WELL SCREEN INTERVAL

BOTTOM OF WELL/BOREHOLE

(16) = CONCENTRATION OF TETRACHLOROETHENE (PCE) IN SOIL IN MICROGRAMS PER KILOGRAM (ug/kg)

[2,400] = CONCENTRATION OF PCE IN GROUNDWATER RECONNAISSANCE SAMPLE IN MICROGRAMS PER LITER (ug/l)

253 = CONCENTRATION OF PCE IN GROUNDWATER SAMPLE (ug/l)

▼ = DENOTES SURFACEWATER ELEVATION (NOVEMBER 2002)

- 5 - = ISOCONCENTRATION CONTOUR LINE

GA-4 = GEOPHYSICAL ANOMALY

MW-18 = MONITORING WELL LOCATION

RS-12 = RECONNAISSANCE SOIL BORING LOCATION

SG1-20 = RECONNAISSANCE SOIL BORING LOCATION, NOVEMBER 2002

GM = SILTY GRAVEL, SILTY GRAVEL WITH SAND

GW/GP = GRAVEL, GRAVEL WITH SAND

GW-GM = GRAVEL WITH SILT, GRAVEL WITH SILT AND SAND

GP-GM = GRAVEL (WELL GRADED)

GP = GRAVEL (POORLY GRADED)

SP/SW = SAND, SAND WITH GRAVEL

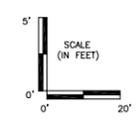
SM = SILTY SAND, SILTY SAND WITH GRAVEL

SP-SM = SAND WITH SILT, SAND WITH SILT AND GRAVEL

SW-SM = SILT, SANDY SILT, GRAVELLY SILT

ML = SILT

NOTE: LOCATION OF LINE OF CROSS SECTION SHOWN ON FIGURE 4



FARALLON CONSULTING
300 3rd Ave., SE, Suite 200
Napavine, WA 98567

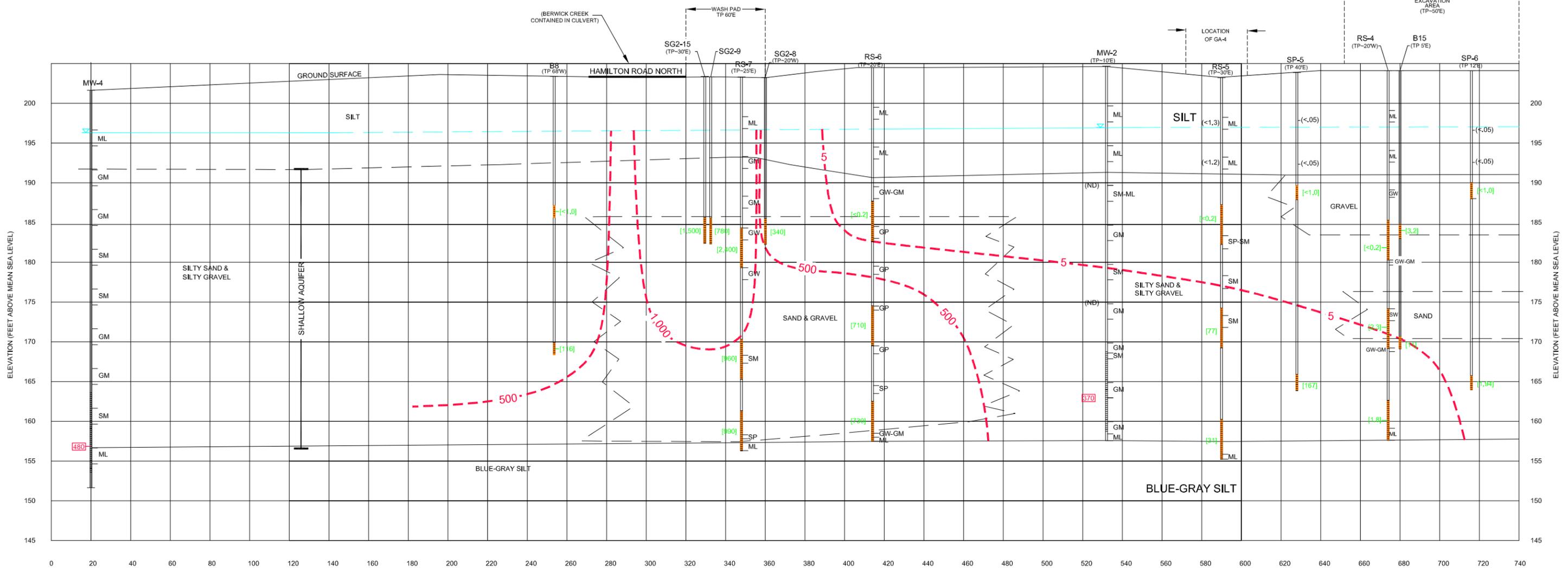
FIGURE 2-4
CROSS SECTION B-B'
REMEDIAL INVESTIGATION / FEASIBILITY STUDY WORK PLAN
HAMILTON/LABREE ROADS GROUNDWATER CONTAMINATION SUPERFUND SITE
CHEHALIS, WASHINGTON

FARALLON PN: 734-001
Date: 7/1/03
Disk Reference: 734002

Drawn By: DAVID WEST
Checked By: CS, RC, JP

C
(SOUTH)

C'
(NORTH)



LEGEND

MW-4 (TP-22'S)

BORING LOCATION TRANPOSED (TP) IN FEET, NORTH (N), SOUTH (S), EAST (E), OR WEST (W) TO CROSS SECTION LINE.

SOIL SAMPLE INTERVAL

BLANK CASING

POTENTIOMETRIC SURFACE, DASHED WHERE INFERRED (NOVEMBER, 2002)

GEOLOGIC CONTACT, INFERRED WHERE QUERIED

TEMPORARY WELL SCREEN INTERVAL

WELL SCREEN INTERVAL

BOTTOM OF WELL/BORHOLE

NOTE: LOCATION OF LINE OF CROSS SECTION SHOWN ON FIGURE 4

(<1.3) = CONCENTRATION OF TETRACHLOROETHENE (PCE) IN SOIL IN MICROGRAMS PER KILOGRAM (ug/kg)

[2,400] = CONCENTRATION OF PCE IN GROUNDWATER RECONNAISSANCE SAMPLE IN MICROGRAMS PER LITER (ug/l)

[480] = CONCENTRATION OF PCE IN GROUNDWATER SAMPLE (ug/l)

▼ = DENOTES SURFACEWATER ELEVATION (NOVEMBER 2002)

- - - 5 = ISOCENTRATION CONTOUR LINE

GA-4 = GEOPHYSICAL ANOMALY

MW-18 = MONITORING WELL LOCATION

RS-12 = RECONNAISSANCE POINT (FARALLON, JUNE-AUGUST 2002)

B17 = RECONNAISSANCE POINT DIRECTED BY ECOLOGY

SG2-9 = RECONNAISSANCE POINT (FARALLON, NOVEMBER 2002)

SP-5 = RECONNAISSANCE POINT DIRECTED BY BREEN

GM = SILTY GRAVEL, SILTY GRAVEL WITH SAND

GW/GP = GRAVEL, GRAVEL WITH SAND

GW-GM = GRAVEL WITH SILT, GRAVEL WITH SILT AND SAND

GW = GRAVEL (WELL GRADED)

GP = GRAVEL (POORLY GRADED)

SP/SW = SAND, SAND WITH GRAVEL

SM = SILTY SAND, SILTY SAND WITH GRAVEL

SP-SM = SAND WITH SILT, SAND WITH SILT AND GRAVEL

SW-SM = SILT, SANDY SILT, GRAVELLY SILT

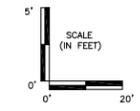
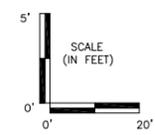
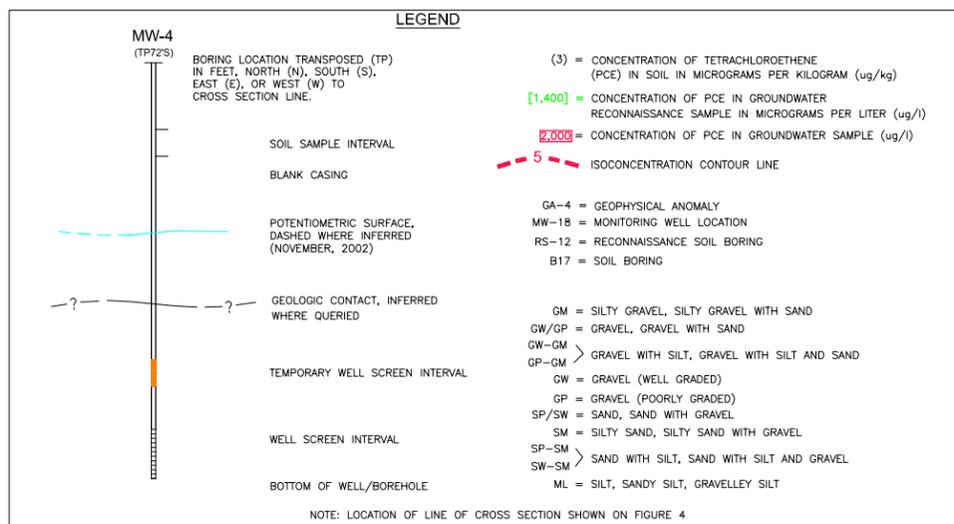
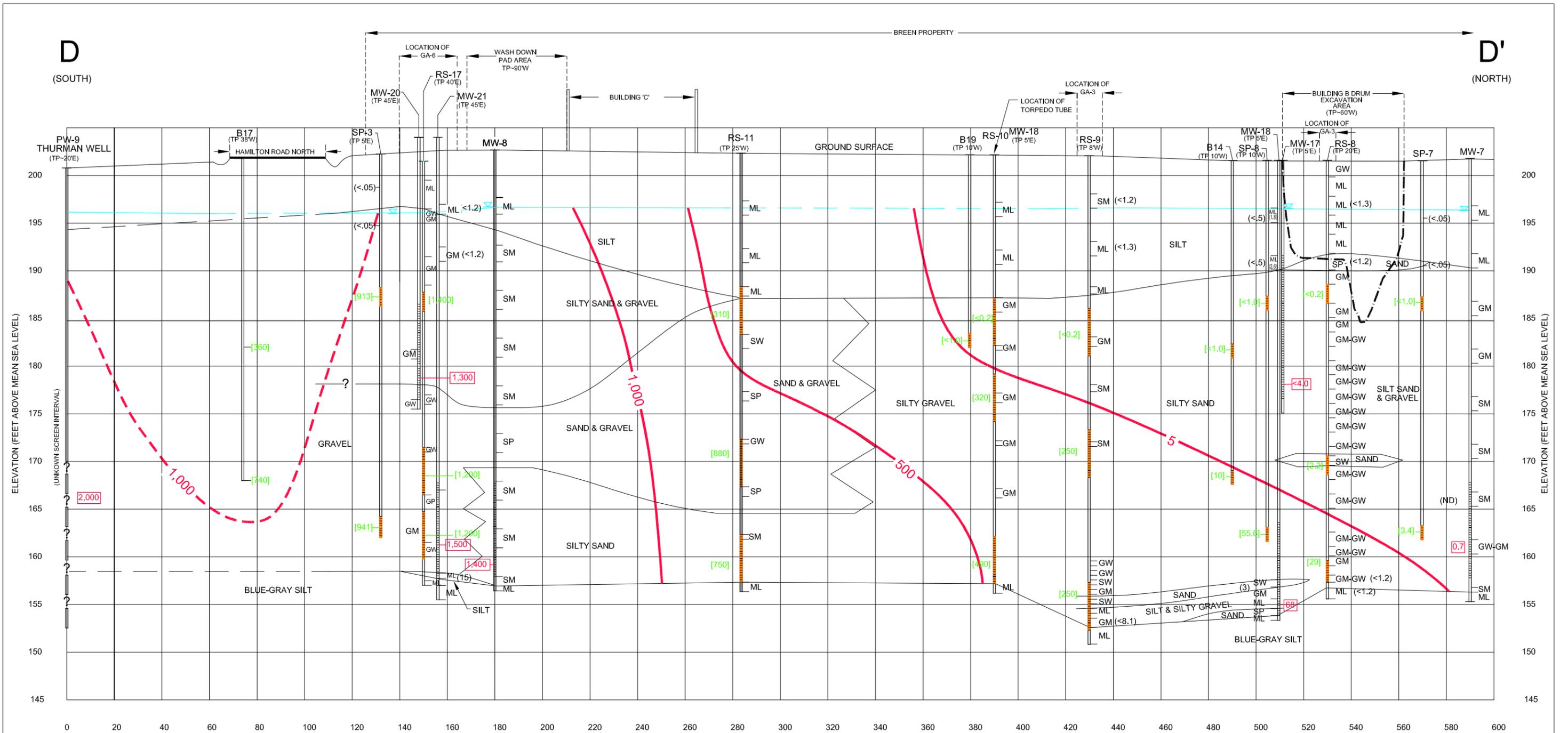


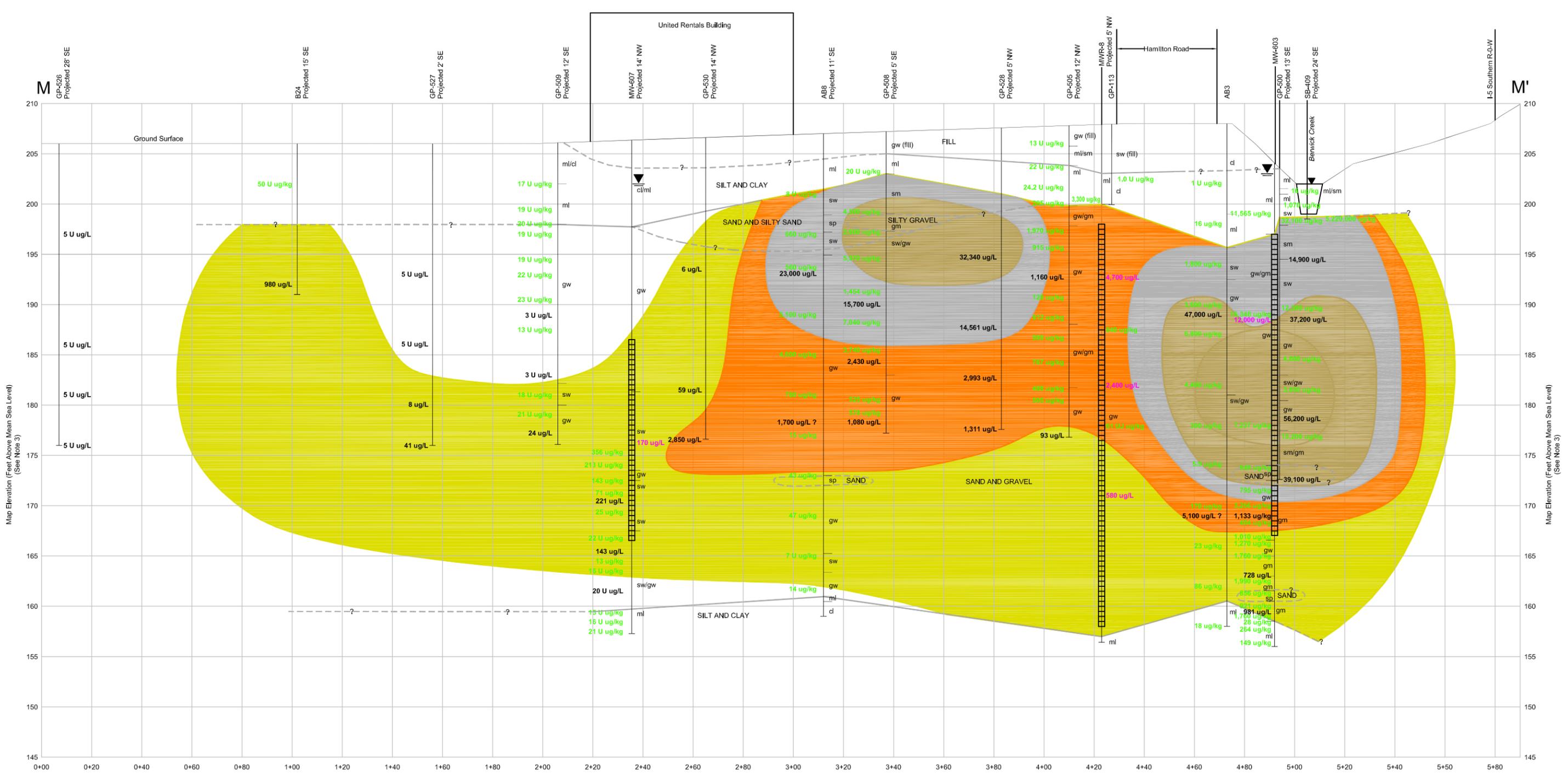
FIGURE 2-5
CROSS SECTION C-C'
REMEDIAL INVESTIGATION / FEASIBILITY STUDY WORK PLAN
HAMILTON/LABREE ROADS GROUNDWATER CONTAMINATION SUPERFUND SITE
CHEHALIS, WASHINGTON

FARALLON CONSULTING
300 3rd Ave. NE, Suite 200
Issaquah, WA 98027

FARALLON P/N: 734-001

Drawn By: DAVID WEST
Checked By: CS, BC, JP
Date: 7/1/03
Disk Reference: 734002

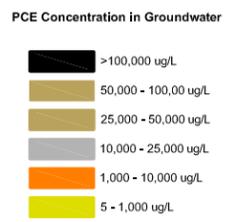




Map Elevation (Feet Above Mean Sea Level)
(See Note 3)

Map Elevation (Feet Above Mean Sea Level)
(See Note 3)

LEGEND



- Sample Location With Distance and Direction of Projection Onto Section.
- Potentiometric Groundwater Surface Elevation Measured 12/1/03. Corrected to Map Elevations From Ground Survey Elevations (See Note 3).
- Analytical Result of Soil Sample Collected at Depth of Numerical Value.
- Analytical Result of Discrete Groundwater Sample From Temporary Sample Device.
- Analytical Result of Groundwater Sample From Screened Well Collected With Sampling Device at Depth of Numerical Value.

- J Concentration Value Reported as "Estimated"
- U Not Detected Above Concentration Value Shown
- ug/L Micrograms Per Liter
- ug/kg Micrograms Per Kilogram
- gm Silty Gravel
- gw Well-Graded Gravel
- sw Well-Graded Sand
- sp Poorly Graded Sand
- ml Silt, Low Plasticity
- cl Clay, Low Plasticity

NOTES:

- All analytical results shown are validated data rounded to the nearest whole number.
- Soil type designations are field determined.
- Elevations are based on interpolation from Lewis County PUD topographic data, not site-specific ground surveys.
- No records are available that document the depth of the discrete water samples collected in AB3 and AB8. The depths of these samples have been interpreted based on the analytical results at adjacent sampling locations.

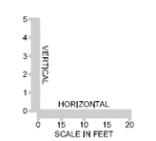
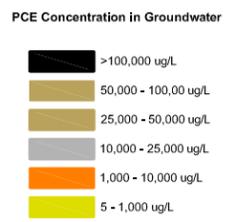
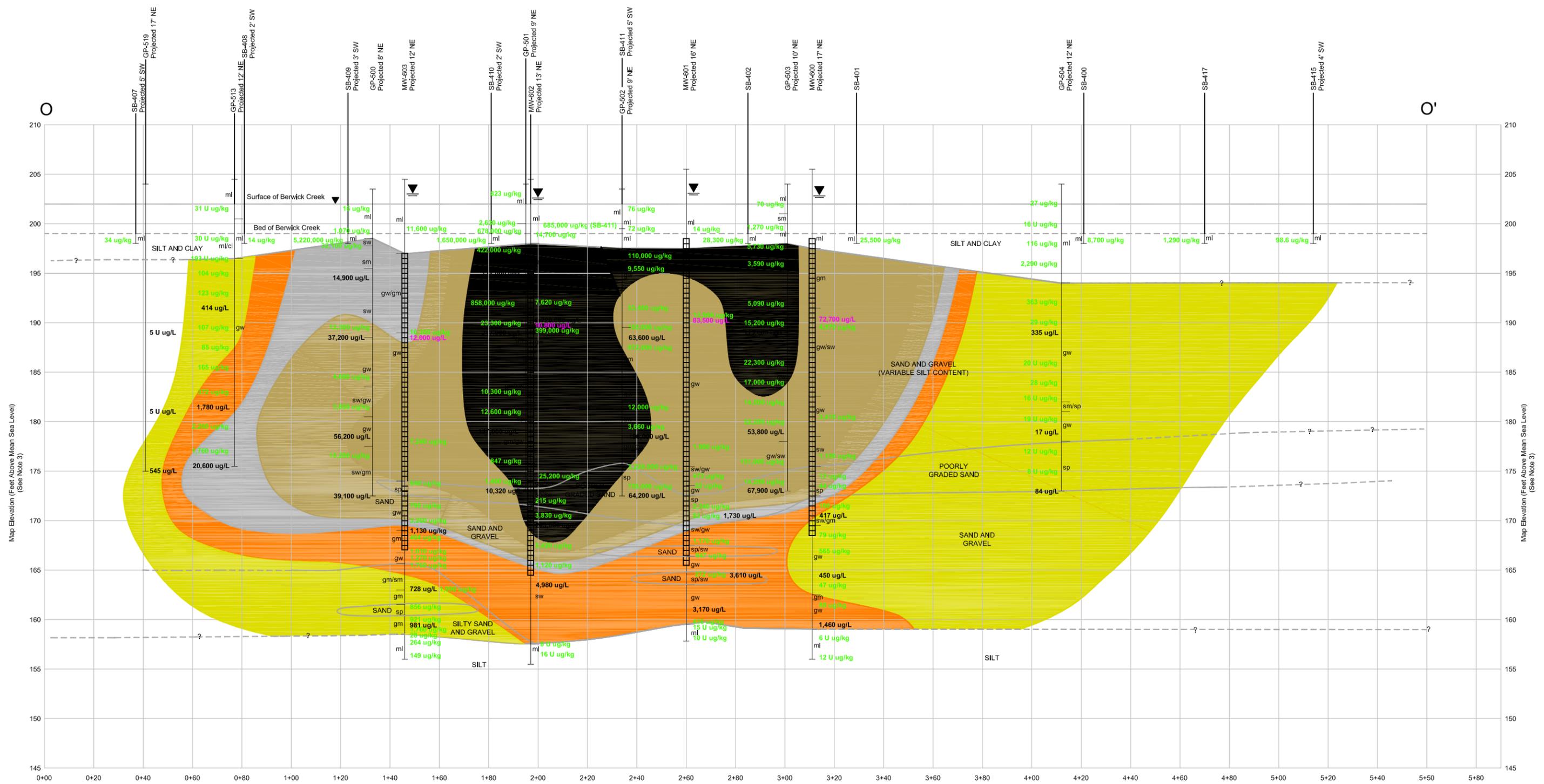


PLATE 2
Cross-Section M-M'

100-NS-EE-10AA
Hamilton Road Impact Area
EE/CA REPORT



Sample Location With Distance and Direction of Projection Onto Section.

Potentiometric Groundwater Surface Elevation Measured 12/1/03, Corrected to Map Elevations From Ground Survey Elevations (See Note 3).

Analytical Result of Soil Sample Collected at Depth of Numerical Value.

Analytical Result of Discrete Groundwater Sample From Temporary Sample Device.

Analytical Result of Groundwater Sample From Screened Well Collected With Sampling Device at Depth of Numerical Value.

J Concentration Value Reported as "Estimated"

U Not Detected Above Concentration Value Shown

ug/L Micrograms Per Liter

ug/kg Micrograms Per Kilogram

gm Silty Gravel

gw Well-Graded Gravel

sw Well-Graded Sand

sp Poorly Graded Sand

ml Silty, Low Plasticity

cl Clay, Low Plasticity

NOTES:

- All analytical results shown are validated data rounded to the nearest whole number.
- Soil type designations are interpretations based on field characterization of discrete soil samples.
- Elevations are based on interpolation from Lewis County PUD topographic data, not site-specific ground surveys.
- The groundwater sample from the installed well MW-602 exhibits a lower PCE concentration than nearby discrete groundwater samples. This lower value was not used for contouring on this cross-section.

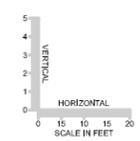
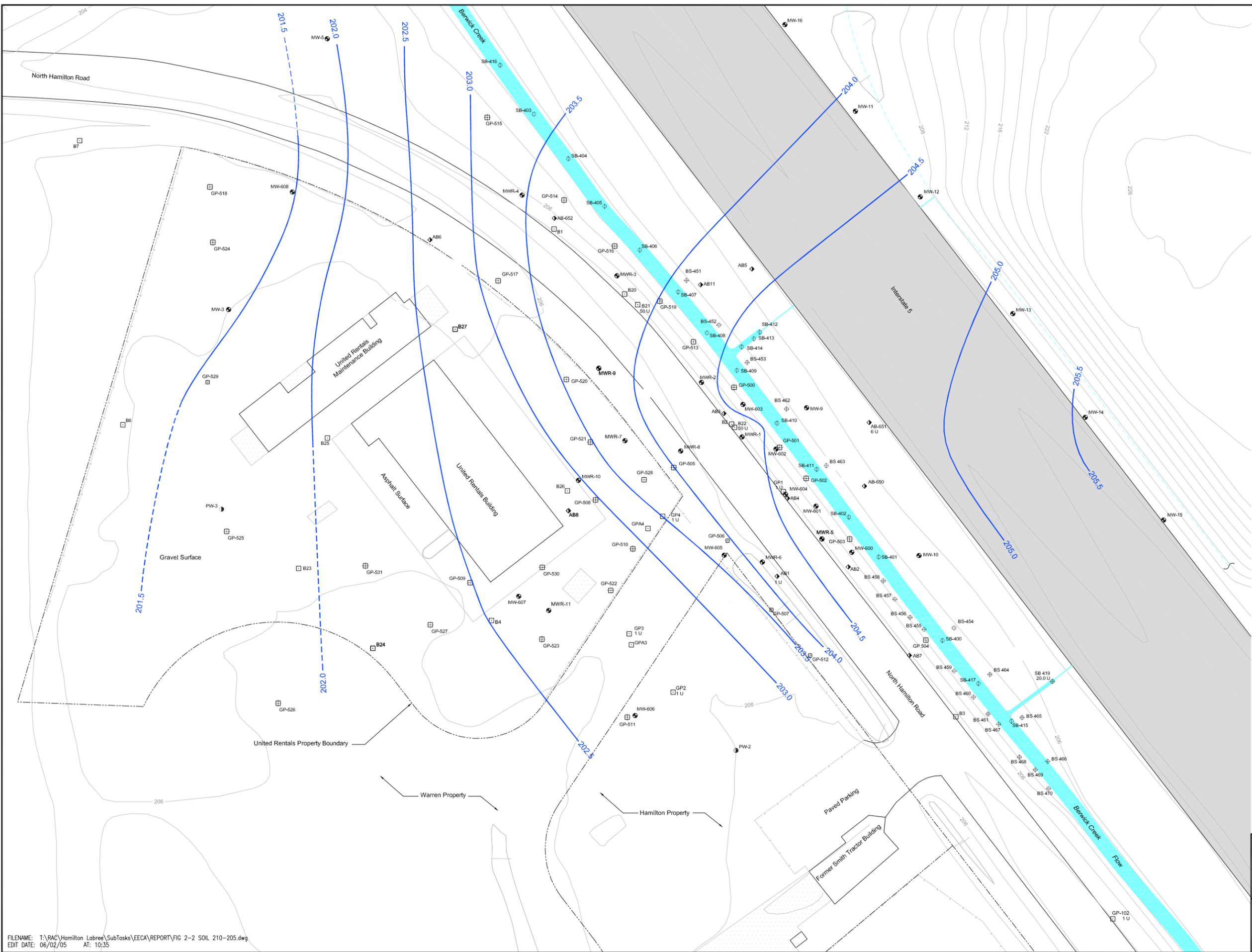
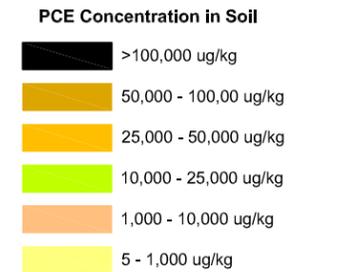


PLATE 4
Cross-Section O-O'

100-NS-EE-10AA
Hamilton Road Impact Area
EE/CA REPORT



- Legend**
- Concrete Area
 - Geoprobe Boring
 - Borehole
 - Monitoring Well
 - Private Well
 - Stream-Bed Soil Sampling Location
 - Stream-Bank Soil Sampling Location
 - Groundwater Elevation Contours Based on Data Collected November 2003.



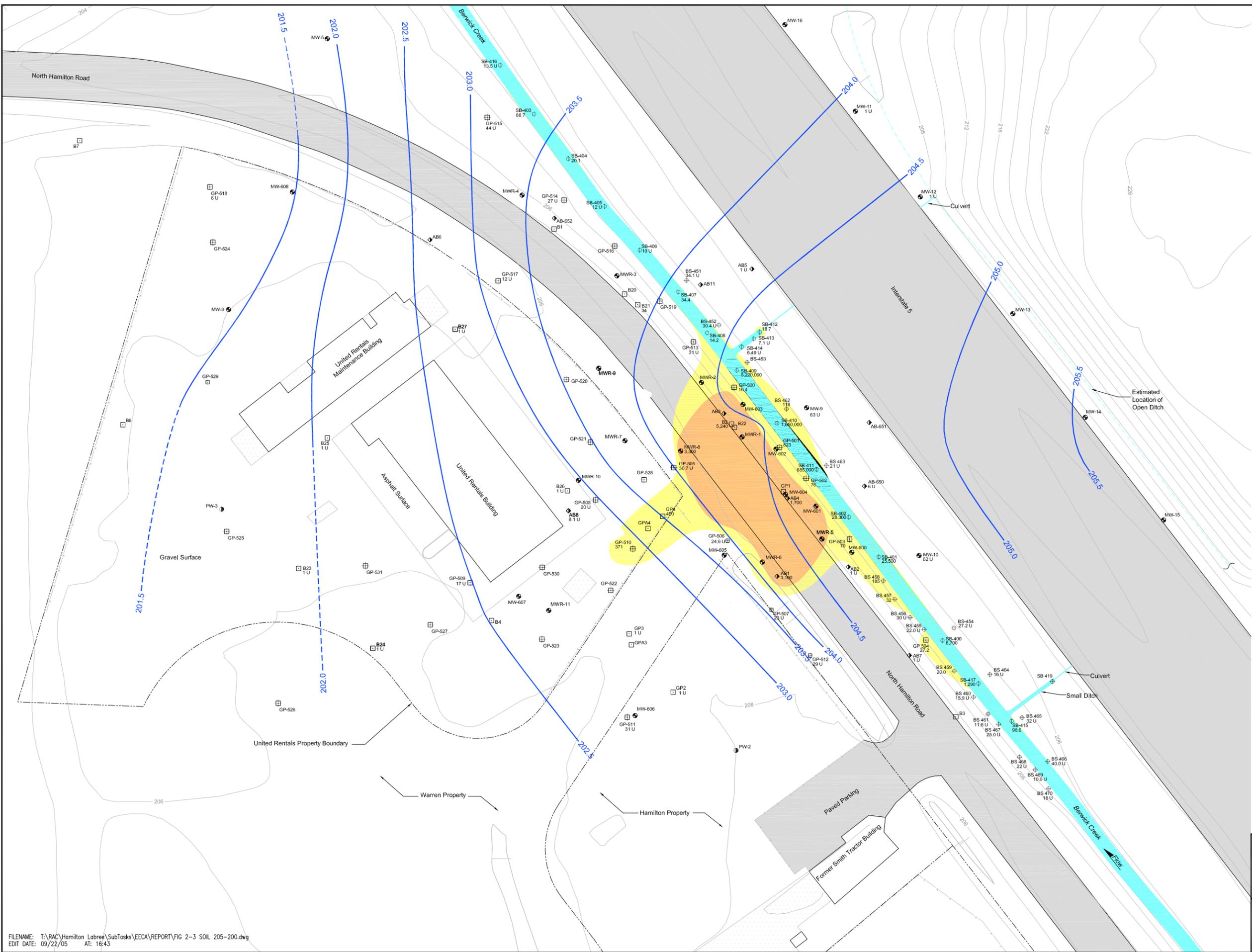
- Notes:**
- This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not a site-specific ground survey.
 - All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttler Basemap Survey data has been adjusted to fit.
 - Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
 - All soil samples collected in this elevation interval were reported as not detected for PCE. Isoconcentration contours are therefore not presented.

- Sources:**
- Base map including site features and well locations, provided by Ecology and Environment, Inc.
 - Topography data from Lewis County Public Works, GIS Services Division.
 - Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.



Figure 2-2
Isoconcentration Contour Map
PCE in Soil 210 to 205 Feet
Elevation Range (None Detected)

100-NS-EE-10AA
 Hamilton Road Impact Area
 EE/CA REPORT



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration in Soil

- >100,000 ug/kg
- 50,000 - 100,000 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttlar Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. Data from locations B20 and B21 not used because location of these points is uncertain.

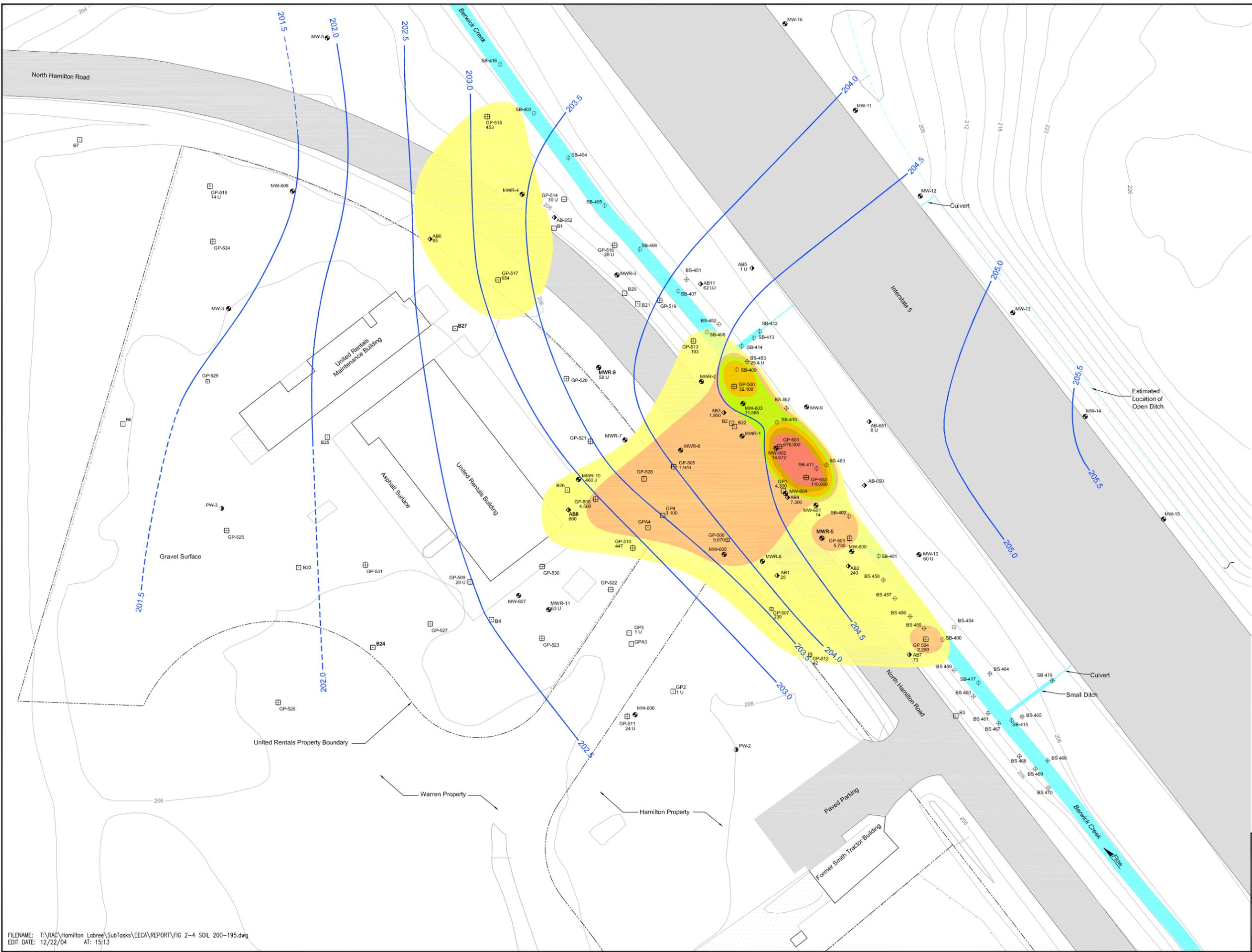
Sources:

1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.



Figure 2-3
Isoconcentration Contour Map
PCE in Soil 205 to 200 Feet
Elevation Range

100-NS-EE-10AA
 Hamilton Road Impact Area
 EE/CA REPORT



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration In Soil

- >100,000 ug/kg
- 50,000 - 100,00 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

- Notes:**
1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
 2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttrle Basemap Survey data has been adjusted to fit.
 3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
 4. Soil samples from MW-602 and GP-501 are nearly co-located. The higher value was used for contouring.

- Sources:**
1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
 2. Topography data from Lewis County Public Works, GIS Services Division.
 3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

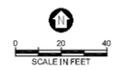
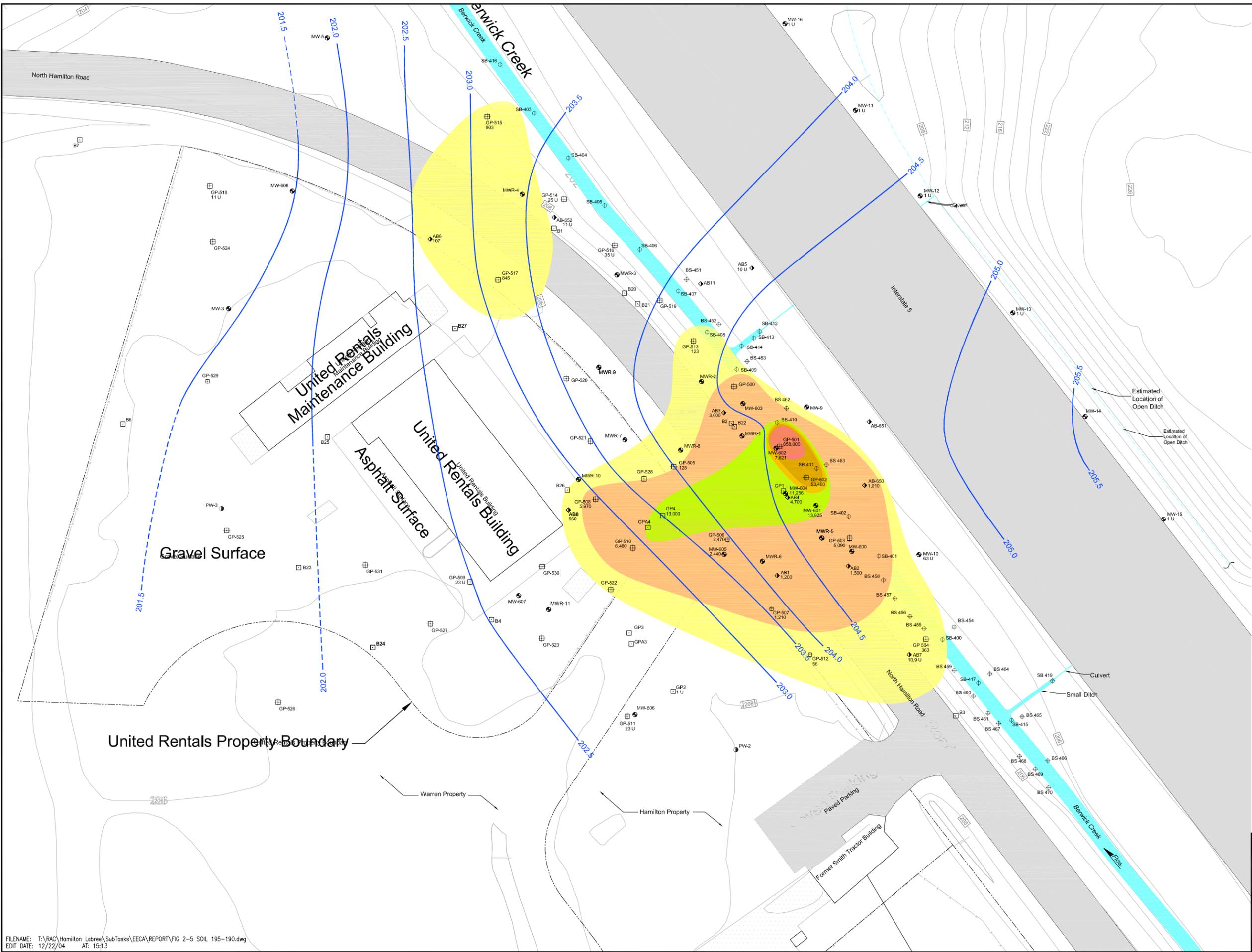


Figure 2-4
Isoconcentration Contour Map
PCE in Soil 200 to 195 Feet
Elevation Range

EPA
REGION 10

100-NS-EE-10AA
 Hamilton Road Impact Area
 EE/CA REPORT



- Legend**
- Concrete Area
 - Geoprobe Boring
 - Borehole
 - Monitoring Well
 - Private Well
 - Stream-Bed Soil Sampling Location
 - Stream-Bank Soil Sampling Location
 - Groundwater Elevation Contours Based on Data Collected November 2003.

- PCE Concentration in Soil**
- >100,000 ug/kg
 - 50,000 - 100,000 ug/kg
 - 25,000 - 50,000 ug/kg
 - 10,000 - 25,000 ug/kg
 - 1,000 - 10,000 ug/kg
 - 5 - 1,000 ug/kg

- Notes:**
1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
 2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttler Basemap Survey data has been adjusted to fit.
 3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
 4. Soil samples from MW-602 and GP-506 and from MW-604 and AB4 are nearly co-located. The higher value was used for contouring.

- Sources:**
1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
 2. Topography data from Lewis County Public Works, GIS Services Division.
 3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

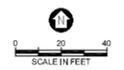
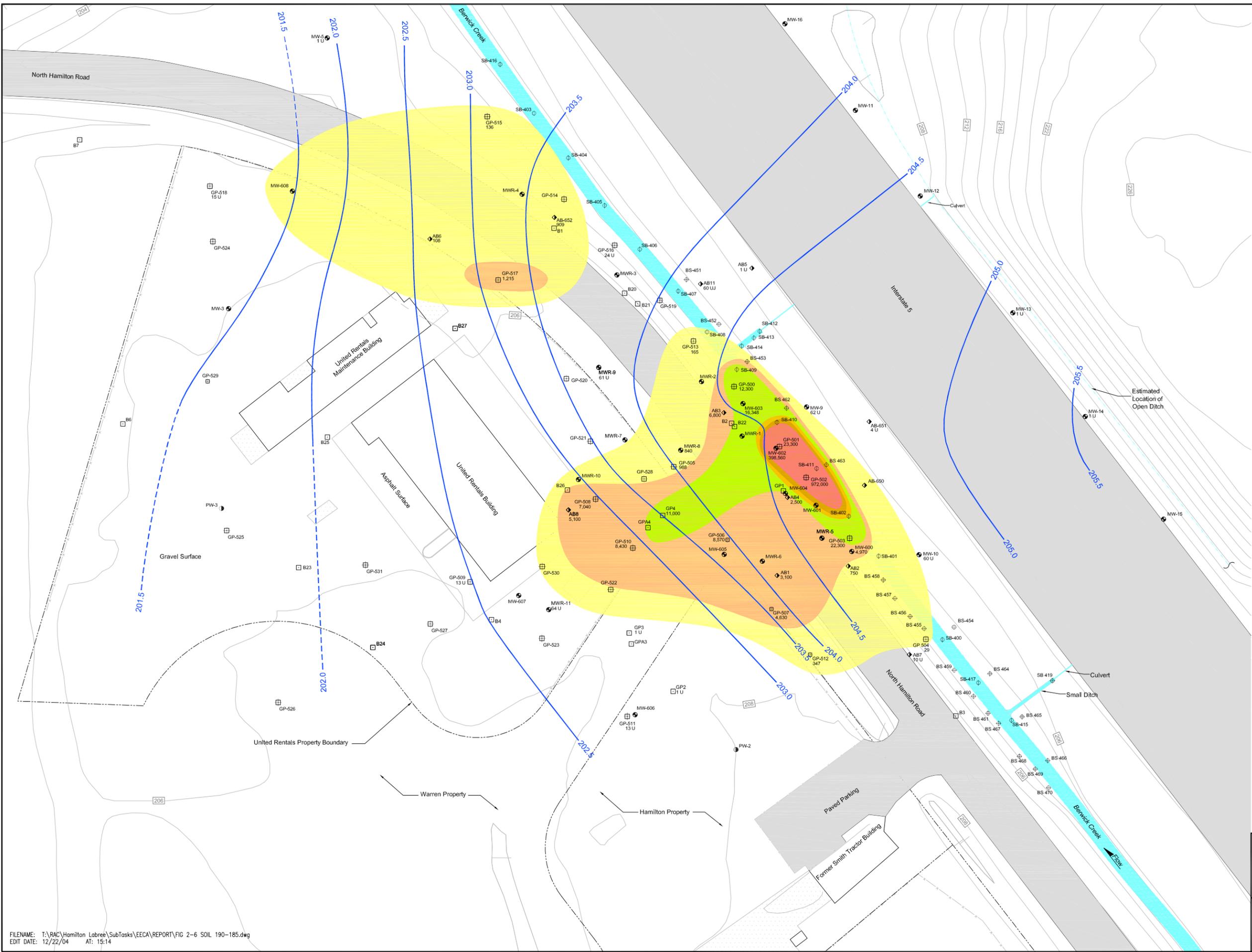


Figure 2-5
Isoconcentration Contour Map
PCE in Soil 195 to 190 Feet
Elevation Range



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration In Soil

- >100,000 ug/kg
- 50,000 - 100,000 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttler Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. Samples from GP-501 and MW-602 in this elevation range are nearly co-located. The higher value has been used.

Sources:

1. Base map including site features and well locations. provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

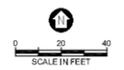
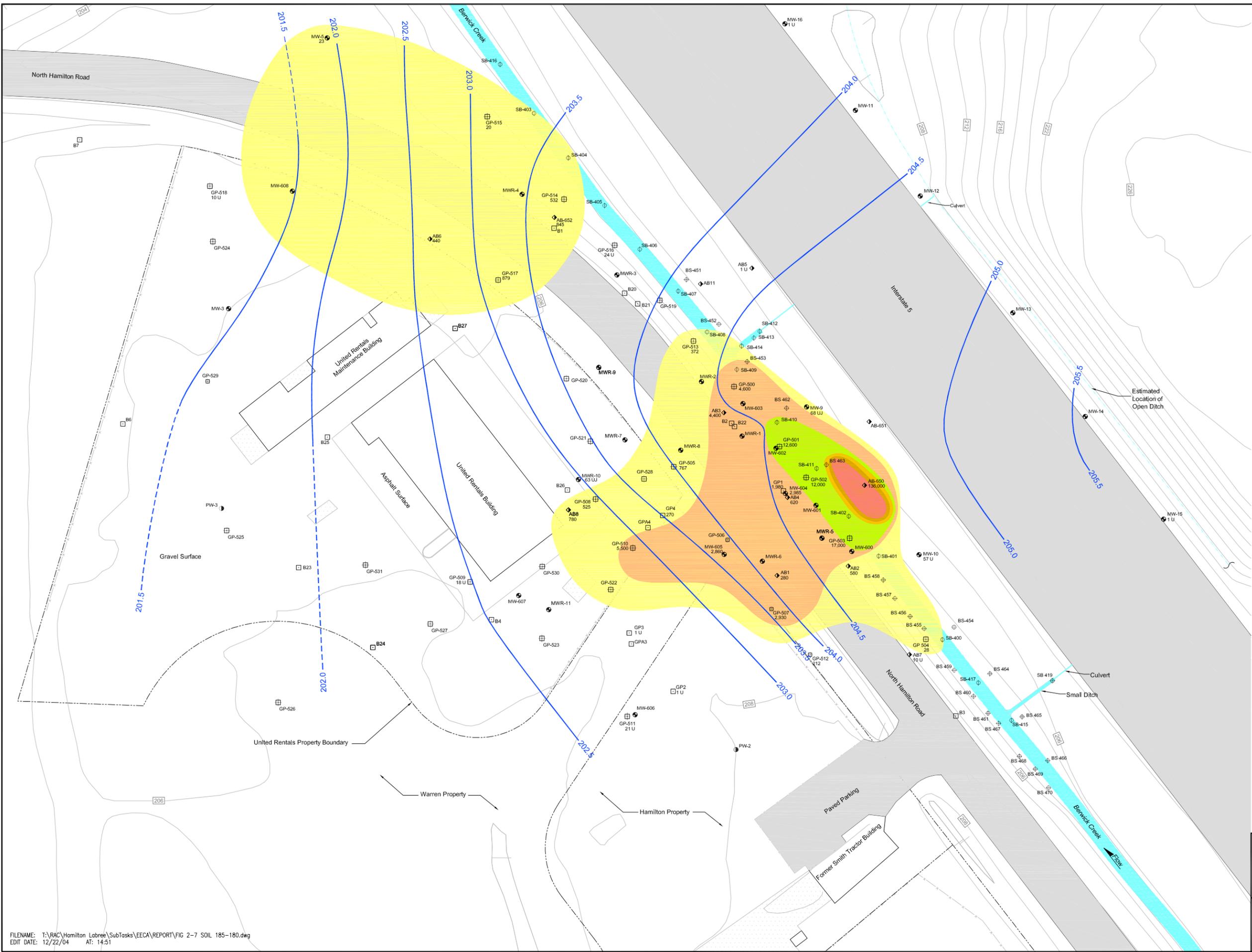


Figure 2-6
Isoconcentration Contour Map
PCE in Soil 190 to 185 Feet
Elevation Range



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration in Soil

- >100,000 ug/kg
- 50,000 - 100,000 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttler Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. The result from AB4 has not been used for contouring in favor of higher values from MW-604 and GP1.

Sources:

1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

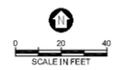
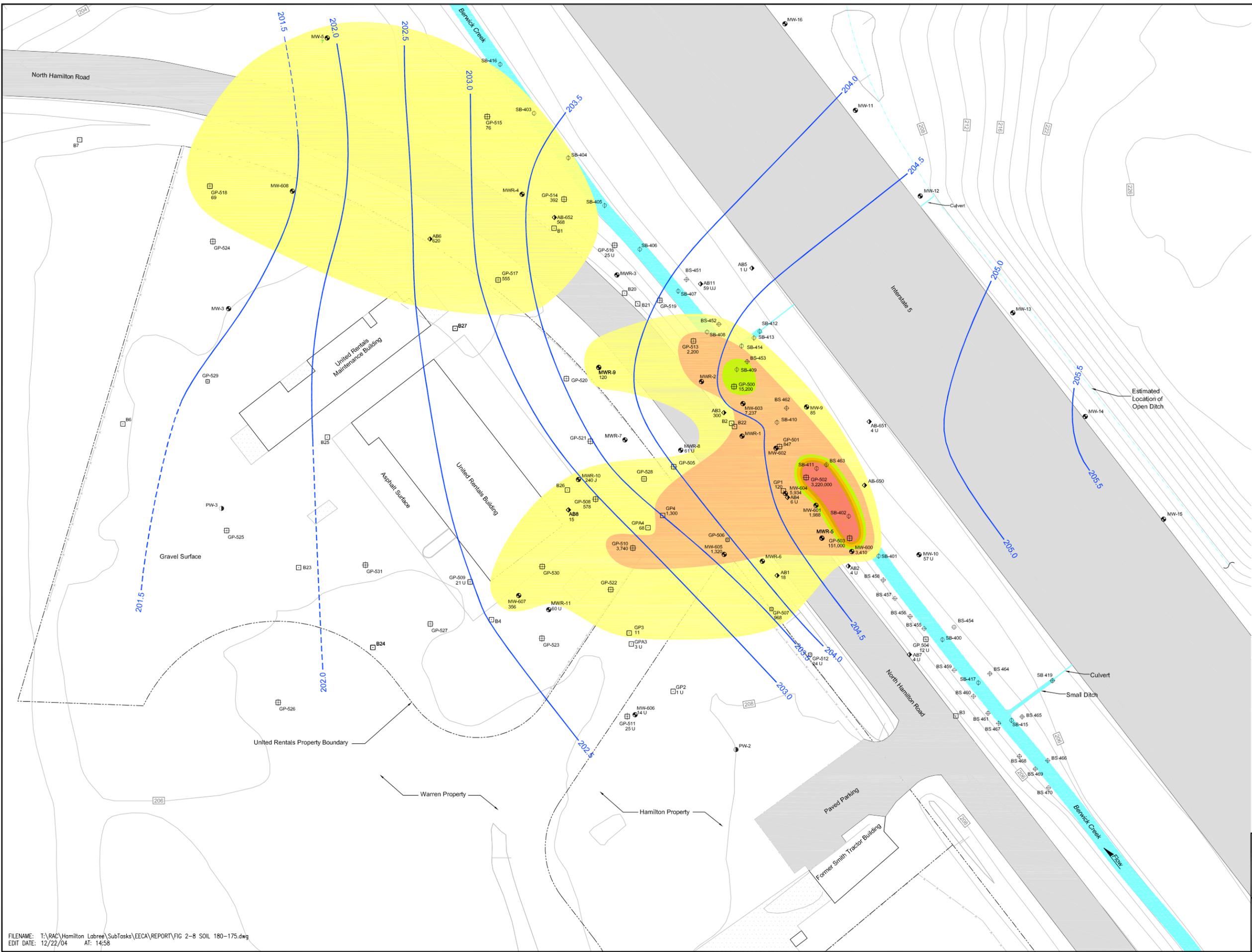


Figure 2-7
Isoconcentration Contour Map
PCE in Soil 185 to 180 Feet
Elevation Range



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration in Soil

- >100,000 ug/kg
- 50,000 - 100,00 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttrick Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. Because of the proximity of locations GP-1, AB4, and MW-604, the highest PCE concentration reported for these three locations in this elevation interval was used for contouring.

Sources:

1. Base map including site features and well locations provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

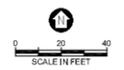
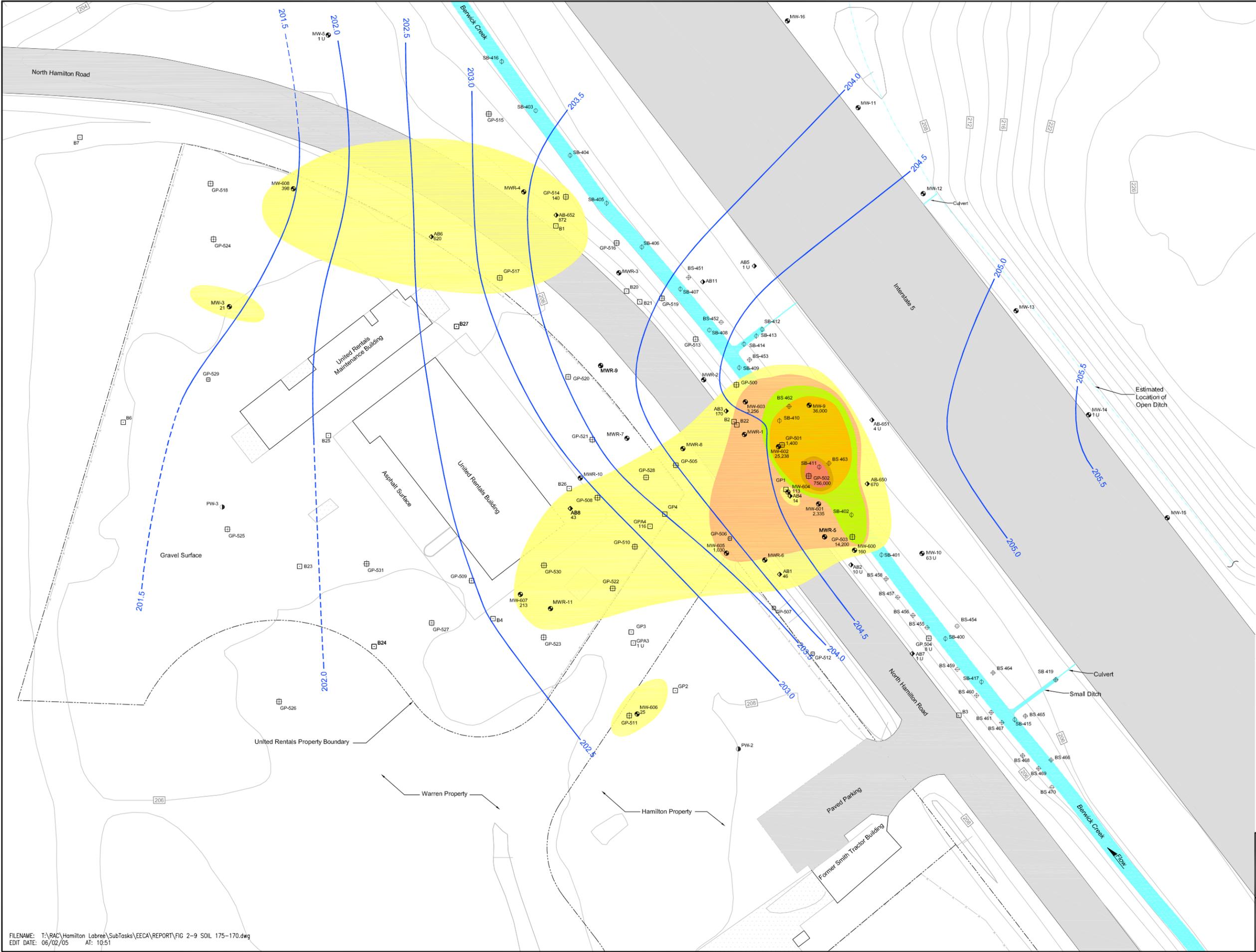


Figure 2-8
Isoconcentration Contour Map
PCE in Soil 180 to 175 Feet
Elevation Range



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration In Soil

- >100,000 ug/kg
- 50,000 - 100,00 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Butler Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. The values for GP-501 and MW-602 for this interval are nearly co-located. The higher value has been used for contouring.

Sources:

1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

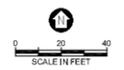
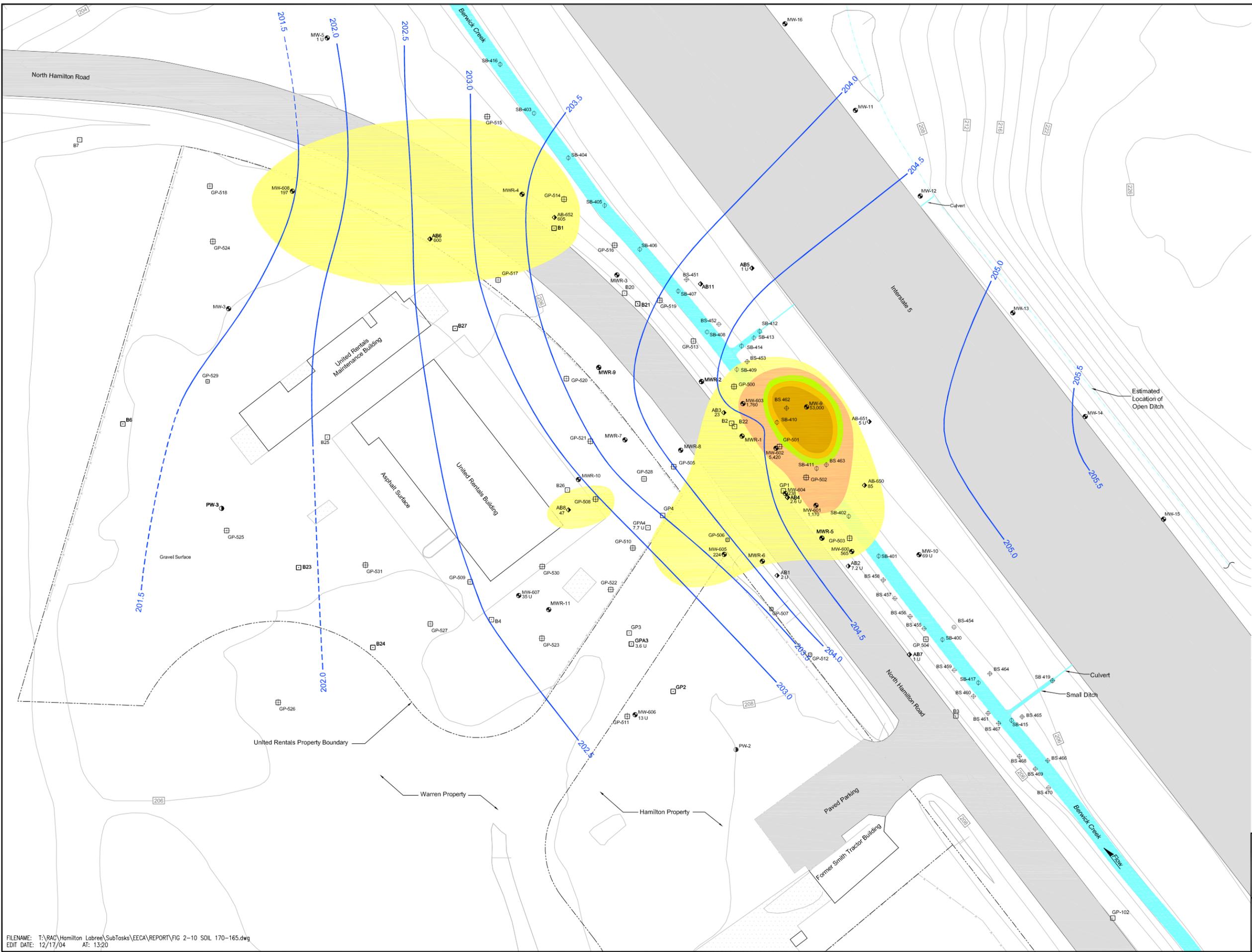


Figure 2-9
Isoconcentration Contour Map
PCE in Soil 175 to 170 Feet
Elevation Range



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well with Groundwater Elevation
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration in Soil

- >100,000 ug/kg
- 50,000 - 100,00 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttler Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.
4. The value from AB4 is not used in favor of the higher value from MW-604.

Sources:

1. Base map including site features and well locations, provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

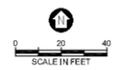
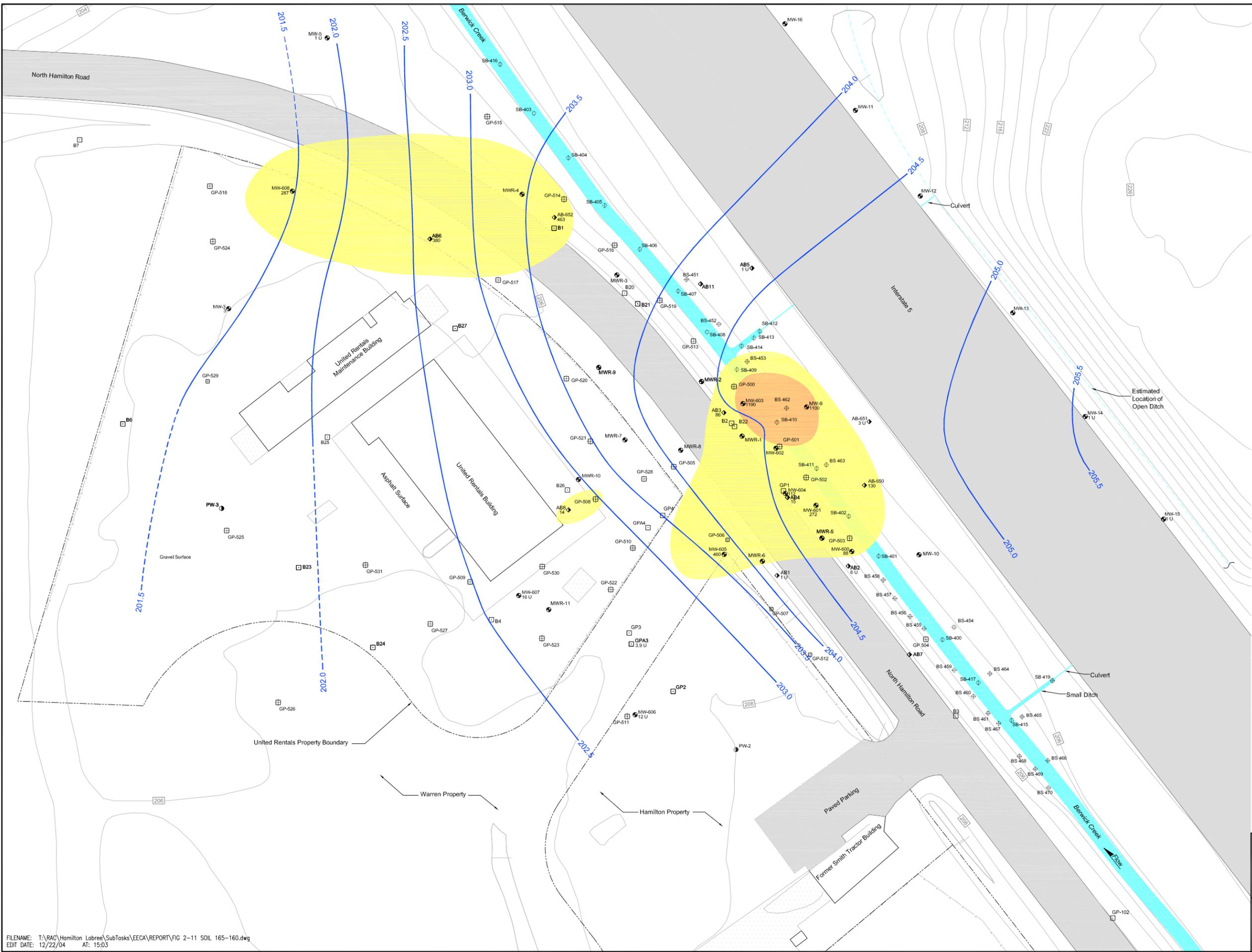


Figure 2-10
Isoconcentration Contour Map
PCE in Soil 170 to 165 Feet
Elevation Range

EPA REGION 10

100-NS-EE-10AA
 Hamilton Road Impact Area
 EE/CA REPORT



Legend

- Concrete Area
- Geoprobe Boring
- Borehole
- Monitoring Well with Groundwater Elevation
- Private Well
- Stream-Bed Soil Sampling Location
- Stream-Bank Soil Sampling Location
- Groundwater Elevation Contours Based on Data Collected November 2003.

PCE Concentration In Soil

- >100,000 ug/kg
- 50,000 - 100,00 ug/kg
- 25,000 - 50,000 ug/kg
- 10,000 - 25,000 ug/kg
- 1,000 - 10,000 ug/kg
- 5 - 1,000 ug/kg

Notes:

1. This plate depicts PCE concentrations in soil in the elevation range listed in the title. Concentration contours are based on the individual data points shown. Elevations are based on Lewis County topographic data, not site-specific ground survey.
2. All EE/CA investigation sampling locations are located by WA SP NAD83 coordinates. The Buttlar Basemap Survey data has been adjusted to fit.
3. Groundwater contour elevation values are based on site-specific ground surveys of monitoring wells.

Sources:

1. Base map including site features and well locations. provided by Ecology and Environment, Inc.
2. Topography data from Lewis County Public Works, GIS Services Division.
3. Locations of historic geoprobe borings and boreholes visually estimated from published figures by Ecology and Environment, Inc.

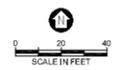


Figure 2-11
Isoconcentration Contour Map
PCE in Soil 165 to 160 Feet
Elevation Range



100-NS-EE-10AA
 Hamilton Road Impact Area
 EE/CA REPORT