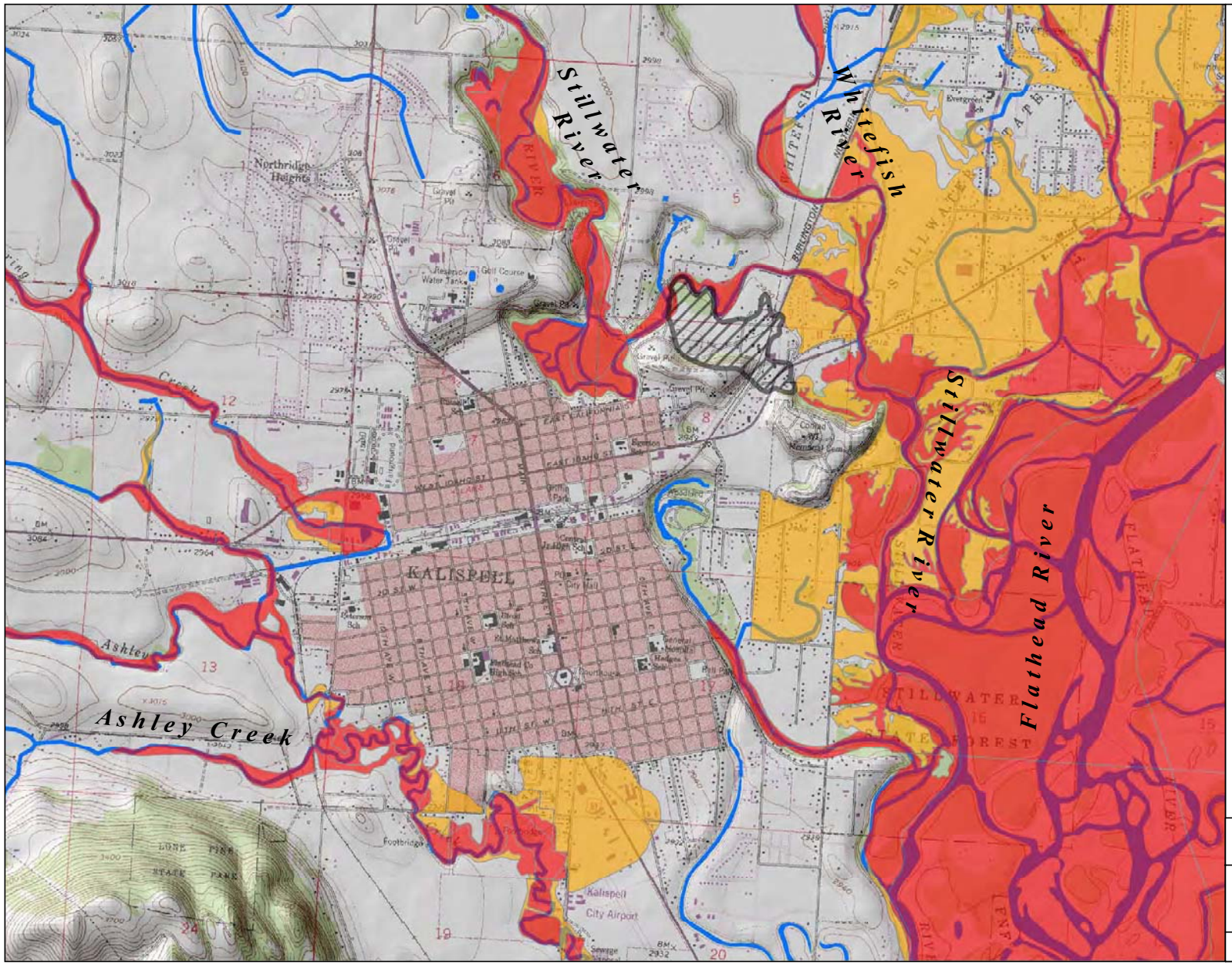
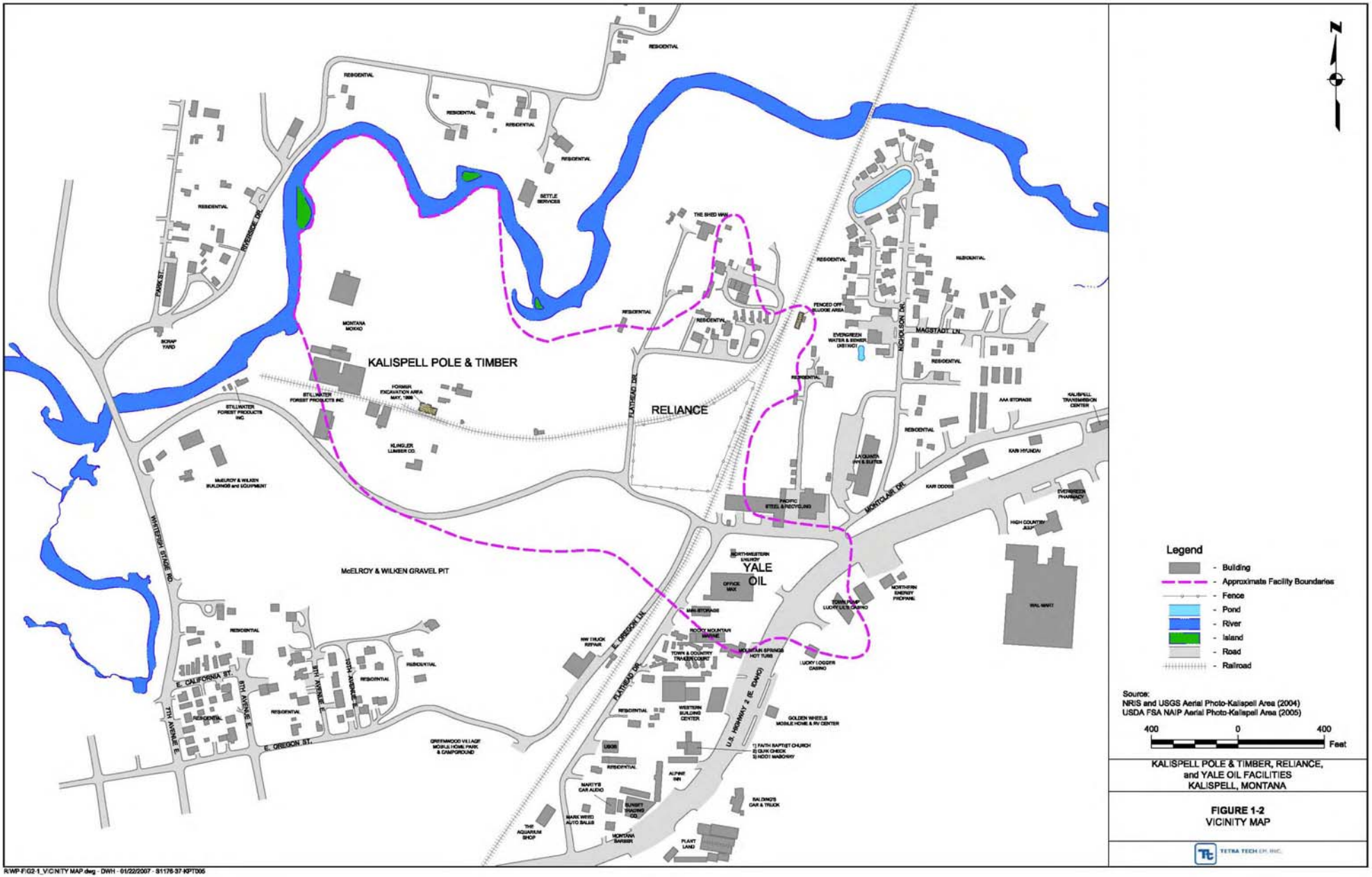



KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 1-1**
SITE LOCATION MAP

TETRA TECH EM, INC

GIS map by Ed Madej Ttemi-HE
Fig1-1_KPT_site_location_map_012507.mxd

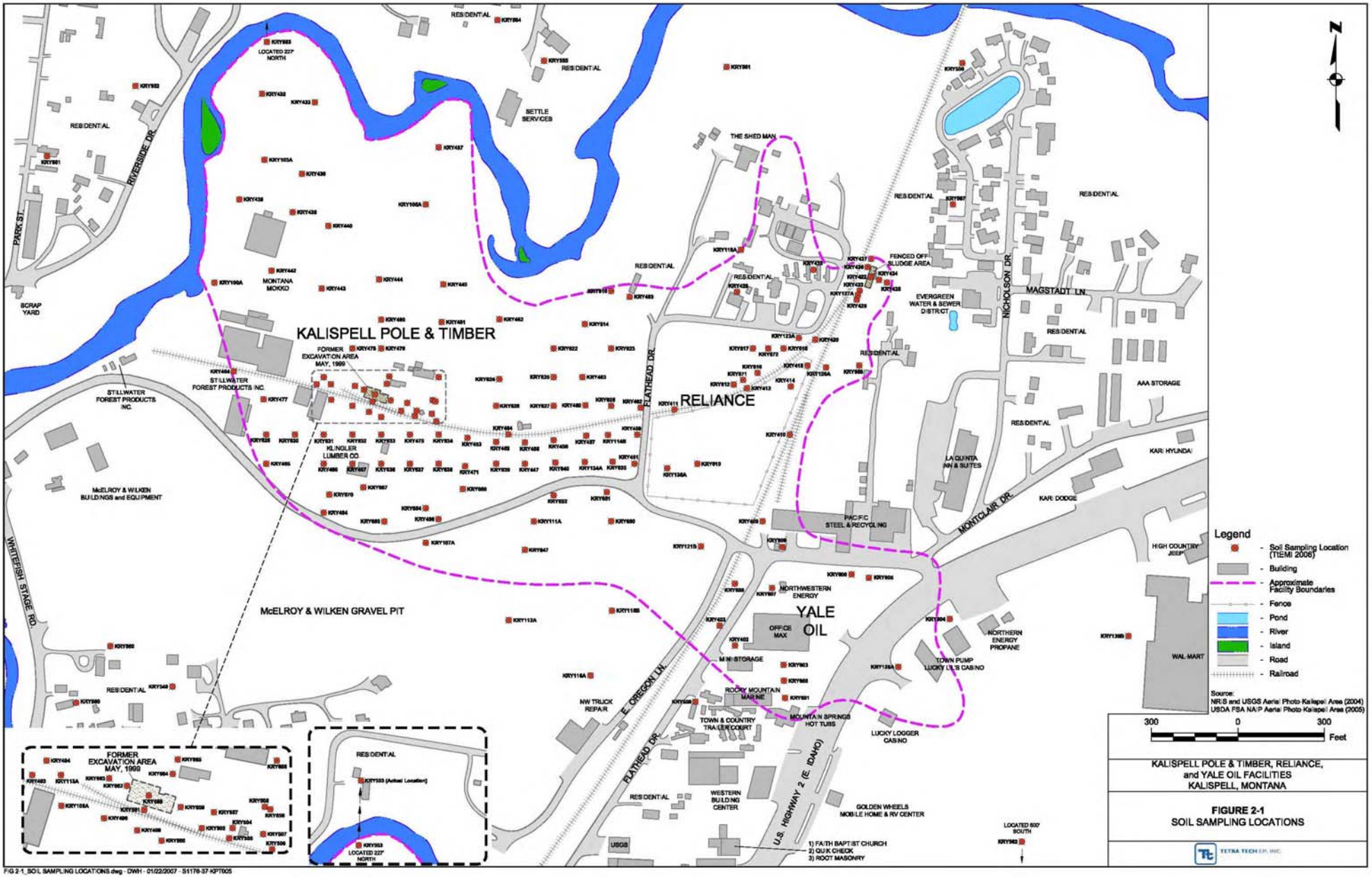



KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 1-2**
VICINITY MAP

TETRA TECH EM INC.

R:\WP-FIG2-1_VICINITY MAP.dwg - DWH - 01/22/2007 - S1176-37-KPT006


KALISPELL POLE & TIMBER
RELIANCE
YALE OIL
McELROY & WILKEN GRAVEL PIT
FORMER EXCAVATION AREA MAY, 1999
STILLWATER FOREST PRODUCTS INC.
KLINGLER LUMBER CO.
McELROY & WILKEN BUILDINGS and EQUIPMENT
MONTANA MOKKO
SCRAP YARD
SETTLE SERVICES
THE SHED MAN
FENCED OFF SLUDGE AREA
EVERGREEN WATER & SEWER DISTRICT
PACIFIC STEEL & RECYCLING
LA QUINTA INN & SUITES
AAA STORAGE
KAR HYUNDAI
KAR DODGE
HIGH COUNTRY JEEP
WAL-MART
NORTHWESTERN ENERGY
NORTHERN ENERGY PROPANE
TOWN PUMP LUCKY LIL'S CASINO
LUCKY LOGGER CASINO
MOUNTAIN SPRINGS HOT TUBS
ROCKY MOUNTAIN MARINE
MINI STORAGE
OFFICE MAX
TOWN & COUNTRY TRAILER COURT
NW TRUCK REPAIR
WESTERN BUILDING CENTER
GOLDEN WHEELS MOBILE HOME & RV CENTER
1) FAITH BAPTIST CHURCH
2) QUIK CHECK
3) ROOT MASONRY
USGS
RESIDENTIAL
RIVERSIDE DR.
PARK ST.
WHITEFISH STAGE RD.
FLATHEAD DR.
E. OREGON LN.
NICHOLSON DR.
MAGSTADT LN.
MONTCLAIR DR.
U.S. HIGHWAY 2 (E. IDAHO)
LOCATED 227' NORTH
LOCATED 500' SOUTH
Legend
Soil Sampling Location (TtEMI 2006)
Building
Approximate Facility Boundaries
Fence
Pond
River
Island
Road
Railroad
Source:
NRIS and USGS Aerial Photo-Kalispell Area (2004)
USDA FSA NAIP Aerial Photo-Kalispell Area (2005)
300 0 300
Feet
KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA
FIGURE 2-1
SOIL SAMPLING LOCATIONS
TETRA TECH EM, INC.
FIG 2-1_SOIL SAMPLING LOCATIONS.dwg - DWH - 01/22/2007 - S1176-37-KPT005

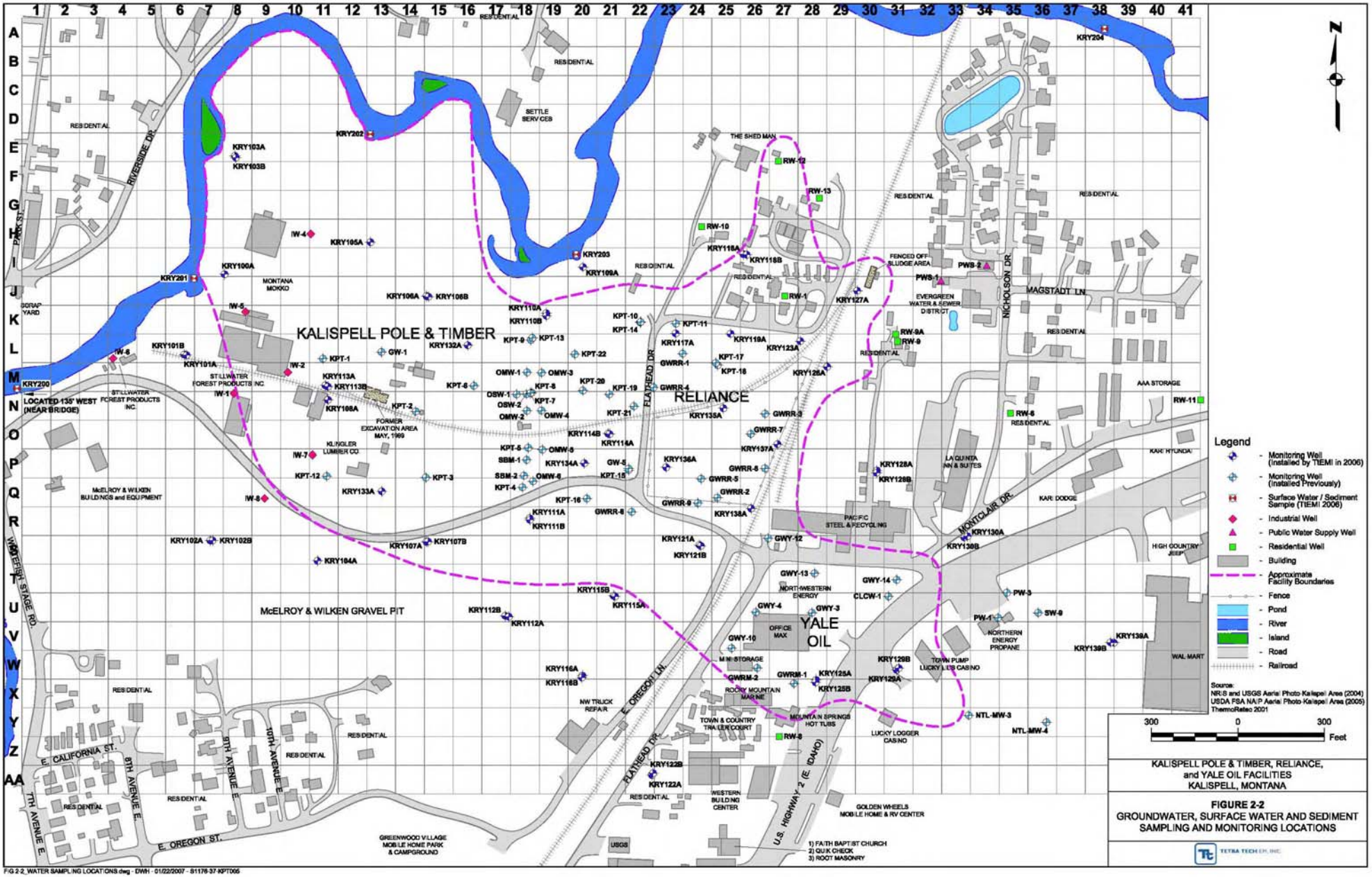
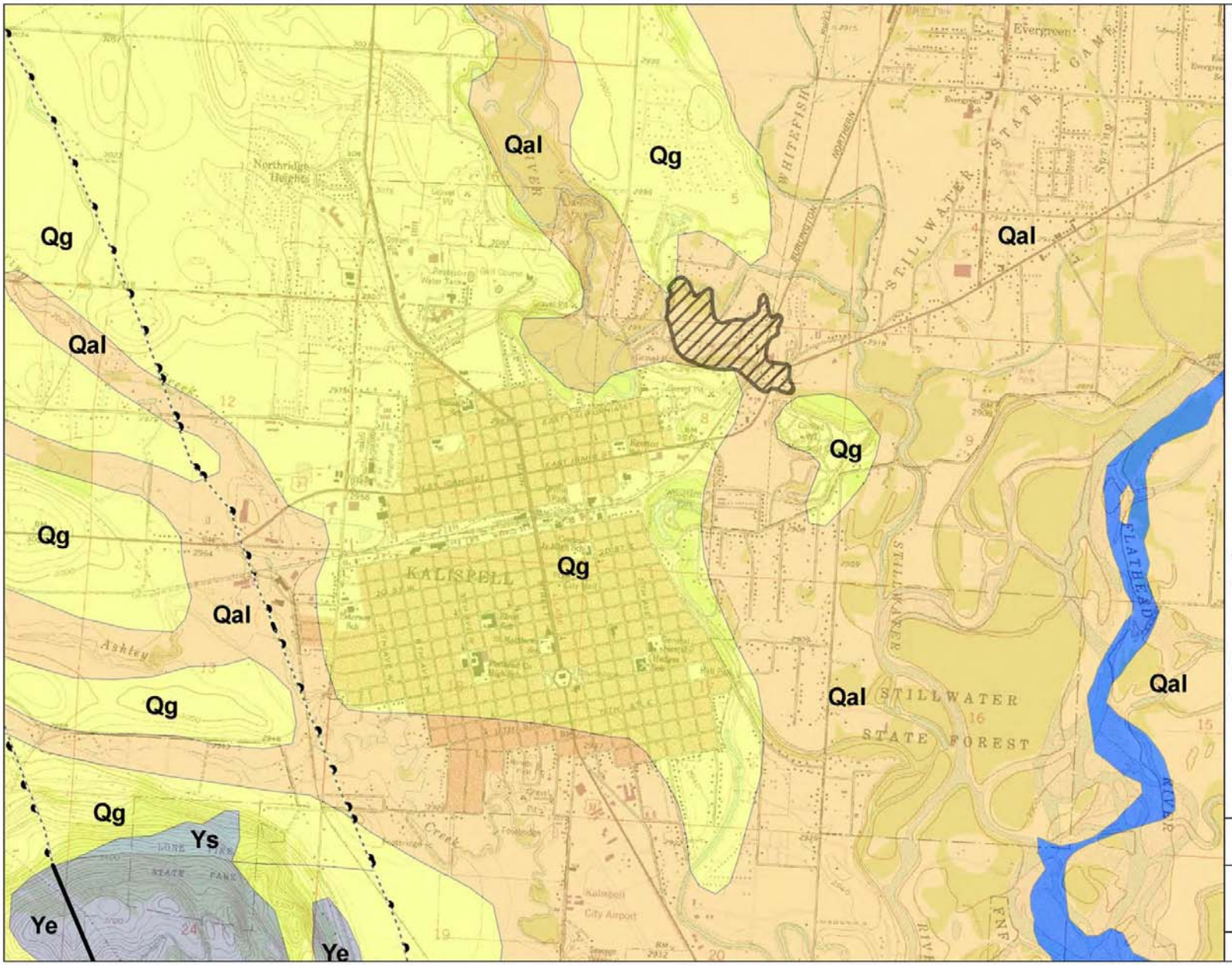



FIG 2-2_WATER SAMPLING LOCATIONS.dwg - DWH - 01/22/2007 - 81176-37-KPT005



N

**Legend**

Approximate Facility Boundaries

**Geologic Units**

- Qal - Alluvial deposits
- Qg - Glacial and fluvioglacial deposits
- Ye - Empire Formation
- Ys - Spokane Formation

**Faults**

- Fault, unknown offset; dotted where concealed.
- High-angle fault, known offset; dotted where concealed. Ball on downthrown side.

Source:
Harrison, J.E., Cressman, E.R., Whipple, J.W., 1992, Geologic and structure maps of Kalispell 1- by 2- degree quadrangle, Montana and Alberta, British Columbia, United States Geological Survey: Miscellaneous Geologic Investigation 2267, 1 sheet(s), 1:250,000

2,300 0 2,300 Feet

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 3-1**
GENERAL GEOLOGY

TETRA TECH EM, INC.

GIS map by Ed Madej Ttemi-HE
Fig3-1_KPT_general_geology2_012507.mxd

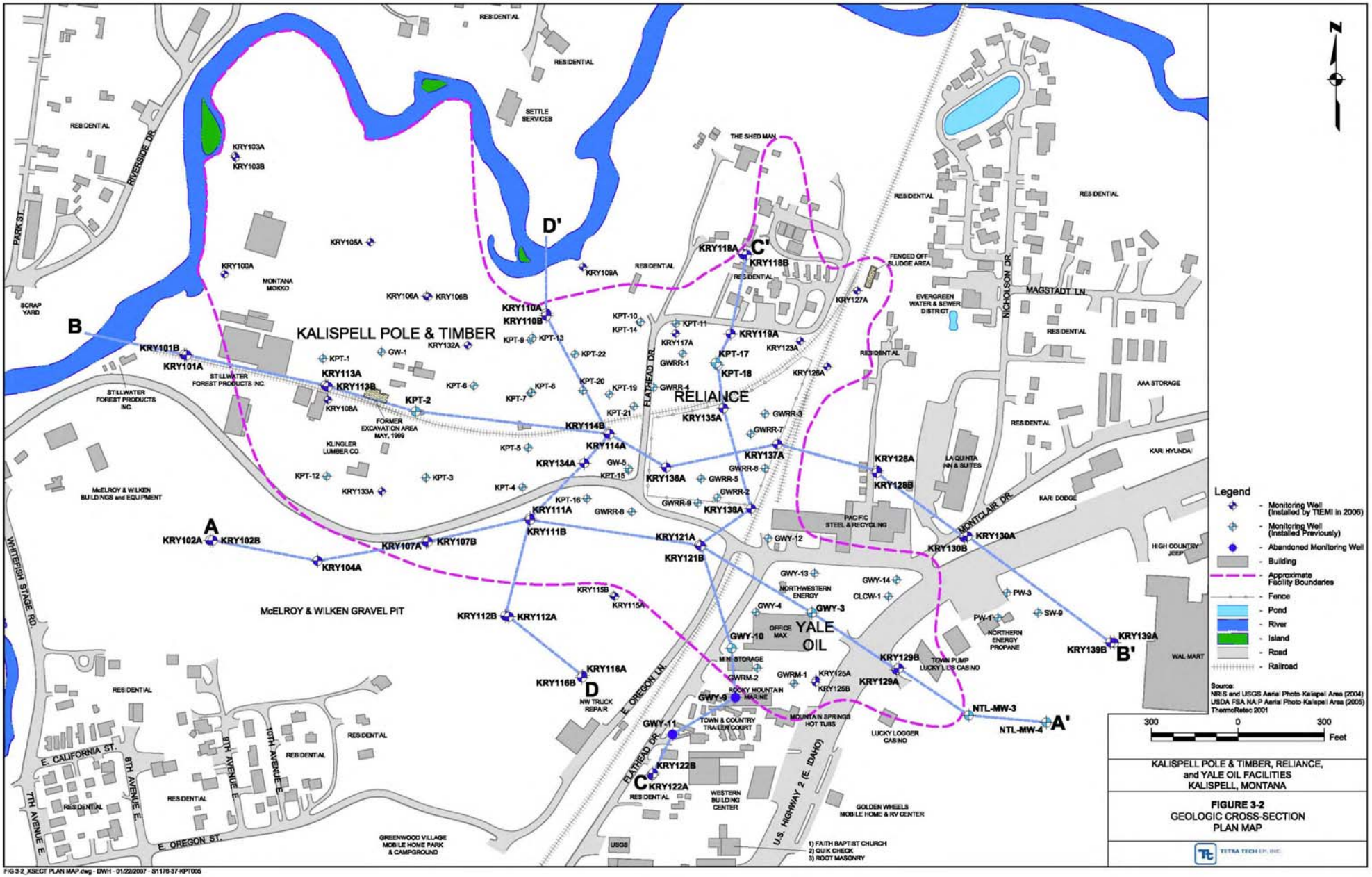
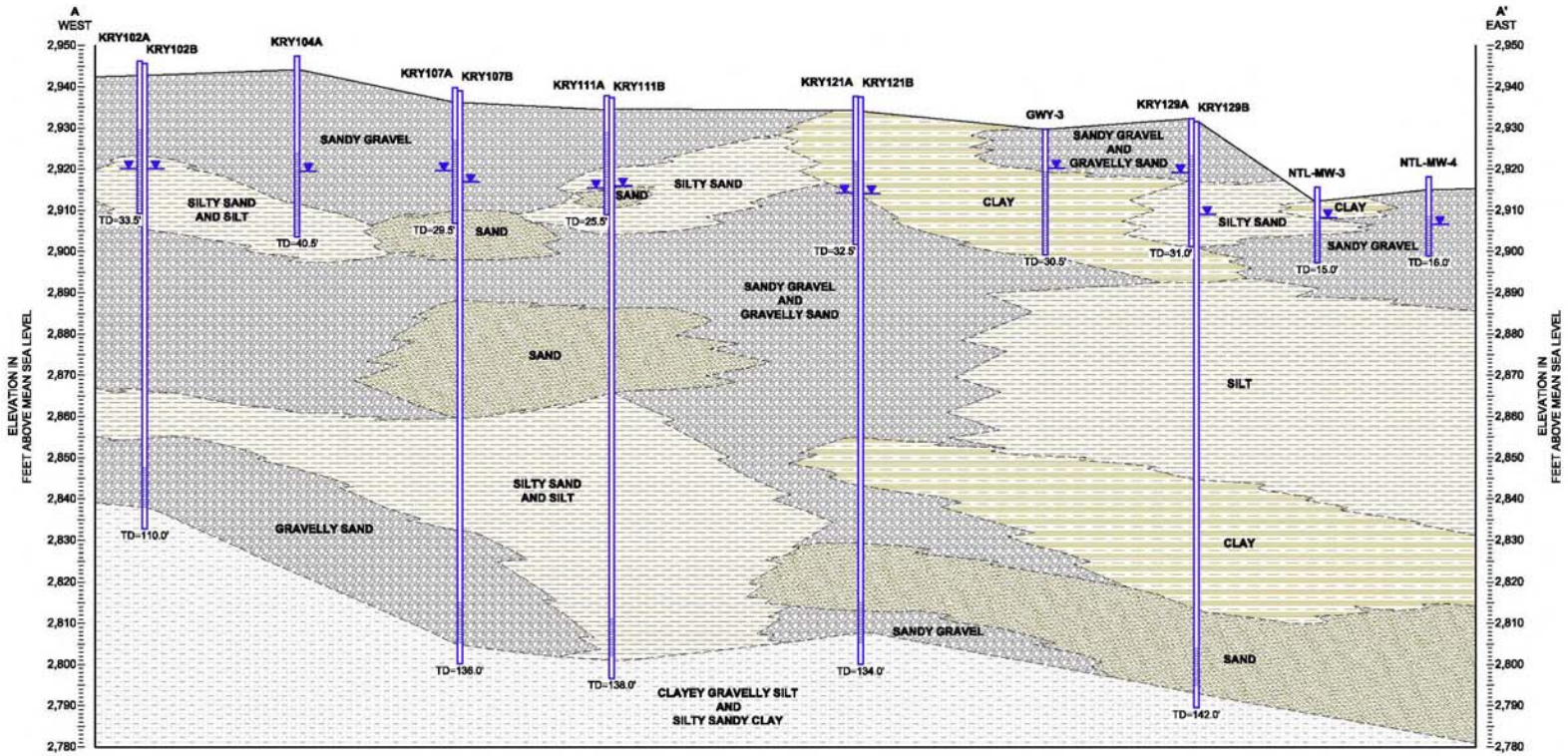


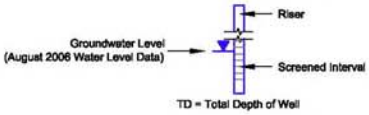

FIG 3-2_XSECT PLAN MAP.dwg - DWH - 01/22/2007 - S1176-37 KPT005




## Legend

- Sandy Gravel and/or Gravelly Sand
- Silty Sand and/or Silt
- Sand
- Clay
- Clayey Gravelly Silt and Silty Sandy Clay
- Lithologic Contact, Located Approximately or Inferred

## Monitoring Well Detail




NOTES:
This Cross-Section Represents One Interpretation Based on Available Data;
Other Interpretations Are Possible.

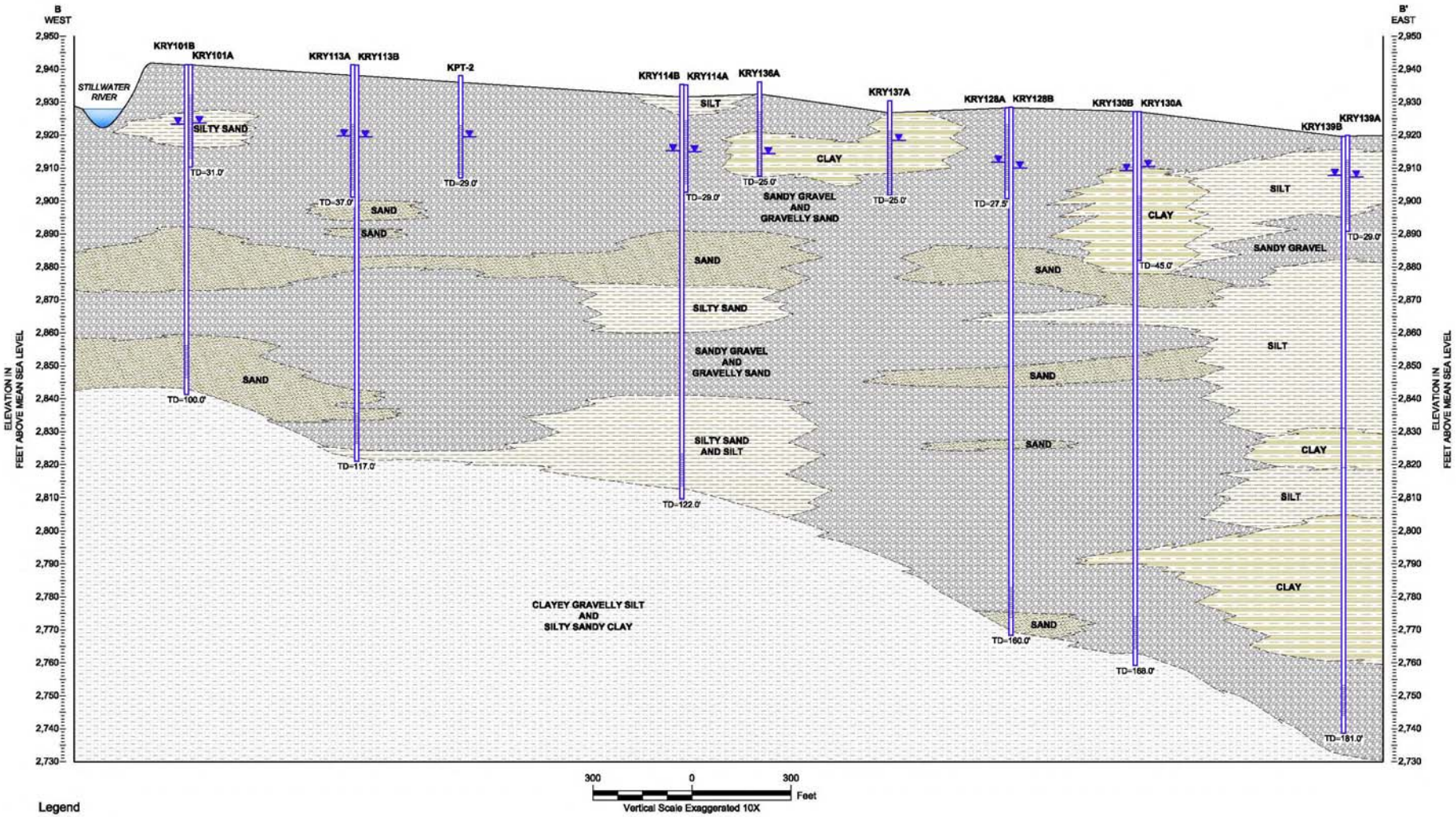
Source:
Interpreted From Borehole Logs - Appendix D
RETEC 1995
ThermoRetec 2001

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 3-3**
GEOLOGIC CROSS-SECTION A-A'

TETRA TECH EM, INC.

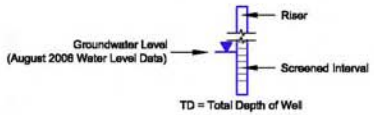
FIG 3-3_XSECT A-A'.dwg - DWH - 11/02/2006 - S1176-37-KPT005




## Legend

- Sandy Gravel and/or Gravelly Sand
- Silty Sand and/or Silt
- Sand
- Clay
- Clayey Gravelly Silt and Silty Sandy Clay
- Lithologic Contact, Located Approximately or Inferred

## Monitoring Well Detail




NOTES:
This Cross-Section Represents One Interpretation Based on Available Data;
Other Interpretations Are Possible.

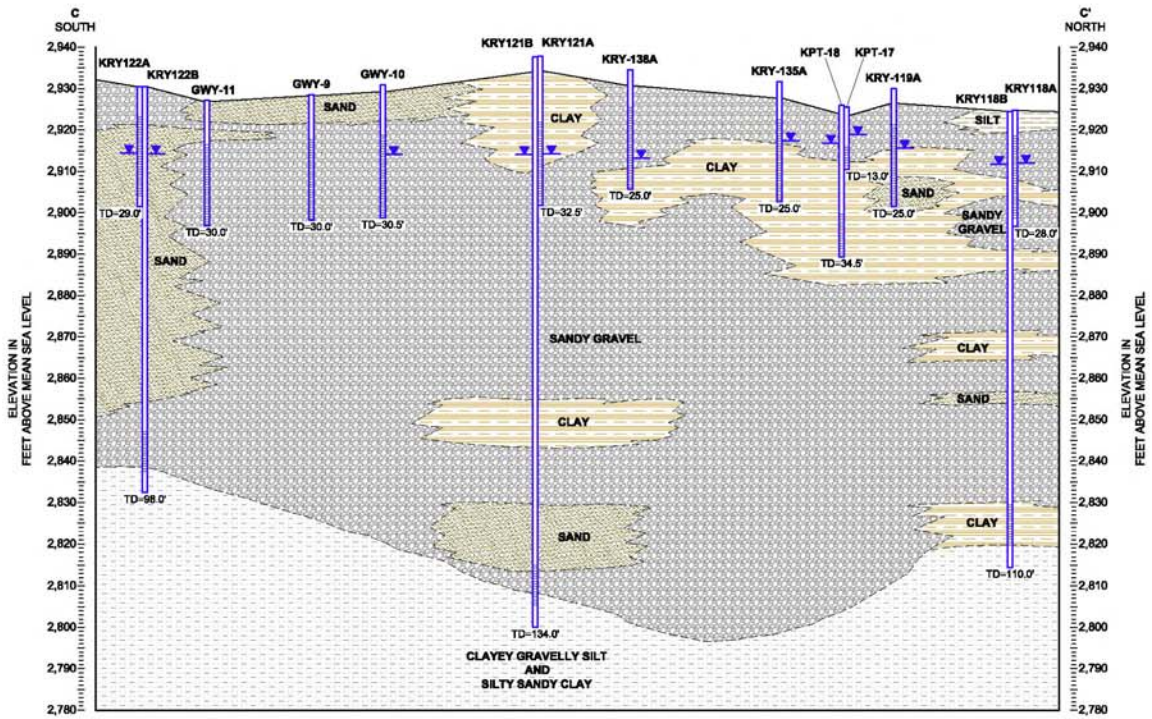
Source:
Interpreted From Borehole Logs - Appendix D
RETEC 1995
ThermoRetec 2001

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 3-4**
GEOLOGIC CROSS-SECTION B-B'

TETRA TECH EM, INC.

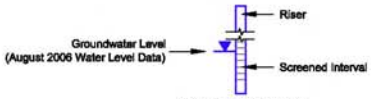
FIG 3-4_XSECT B-B'.dwg - DWH - 11/20/2008 - S1176-37-KPT005




## Legend

- Sandy Gravel and/or Gravelly Sand
- Silty Sand and/or Silt
- Sand
- Clay
- Clayey Gravelly Silt and Silty Sandy Clay
- Lithologic Contact, Located Approximately or Inferred

## Monitoring Well Detail




TD = Total Depth of Well

NOTES:
This Cross-Section Represents One Interpretation Based on Available Data;
Other Interpretations Are Possible.

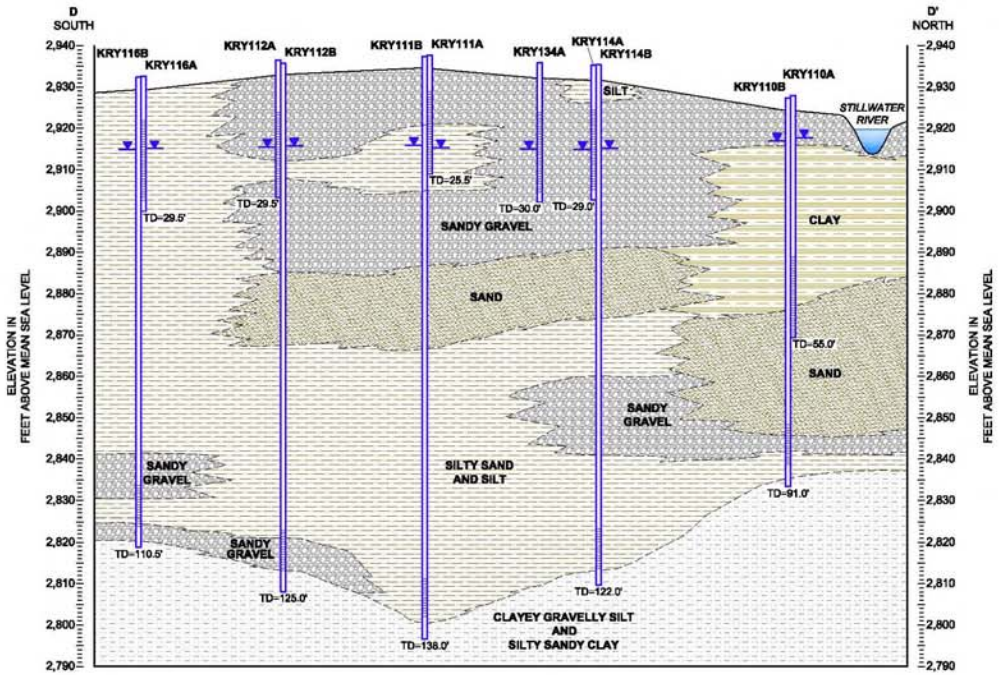
Source:
Interpreted From Borehole Logs - Appendix D
RETEC 1995
ThermoRetec 2001

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 3-5**
GEOLOGIC CROSS-SECTION C-C'

TETRA TECH EM, INC.

FIG 3-5_XSECT C-C' dwg - DWH - 11/20/2006 - S1176-37-KPT005



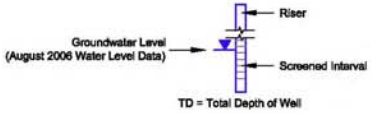

300 0 300 Feet

Vertical Scale Exaggerated 10X

## Legend

- Sandy Gravel and/or Gravelly Sand
- Silty Sand and/or Silt
- Sand
- Clay
- Clayey Gravelly Silt and Silty Sandy Clay
- Lithologic Contact, Located Approximately or Inferred

## Monitoring Well Detail




NOTES:
This Cross-Section Represents One Interpretation Based on Available Data;
Other Interpretations Are Possible.

Source:
Interpreted From Borehole Logs - Appendix D
RETEC 1995
ThermoRetec 2001

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 3-6**
GEOLOGIC CROSS-SECTION D-D'

TETRA TECH EM, INC.

FIG 3-6_XSECT D D'.dwg - DWH - 11/20/2006 - S1176-37-KPT005

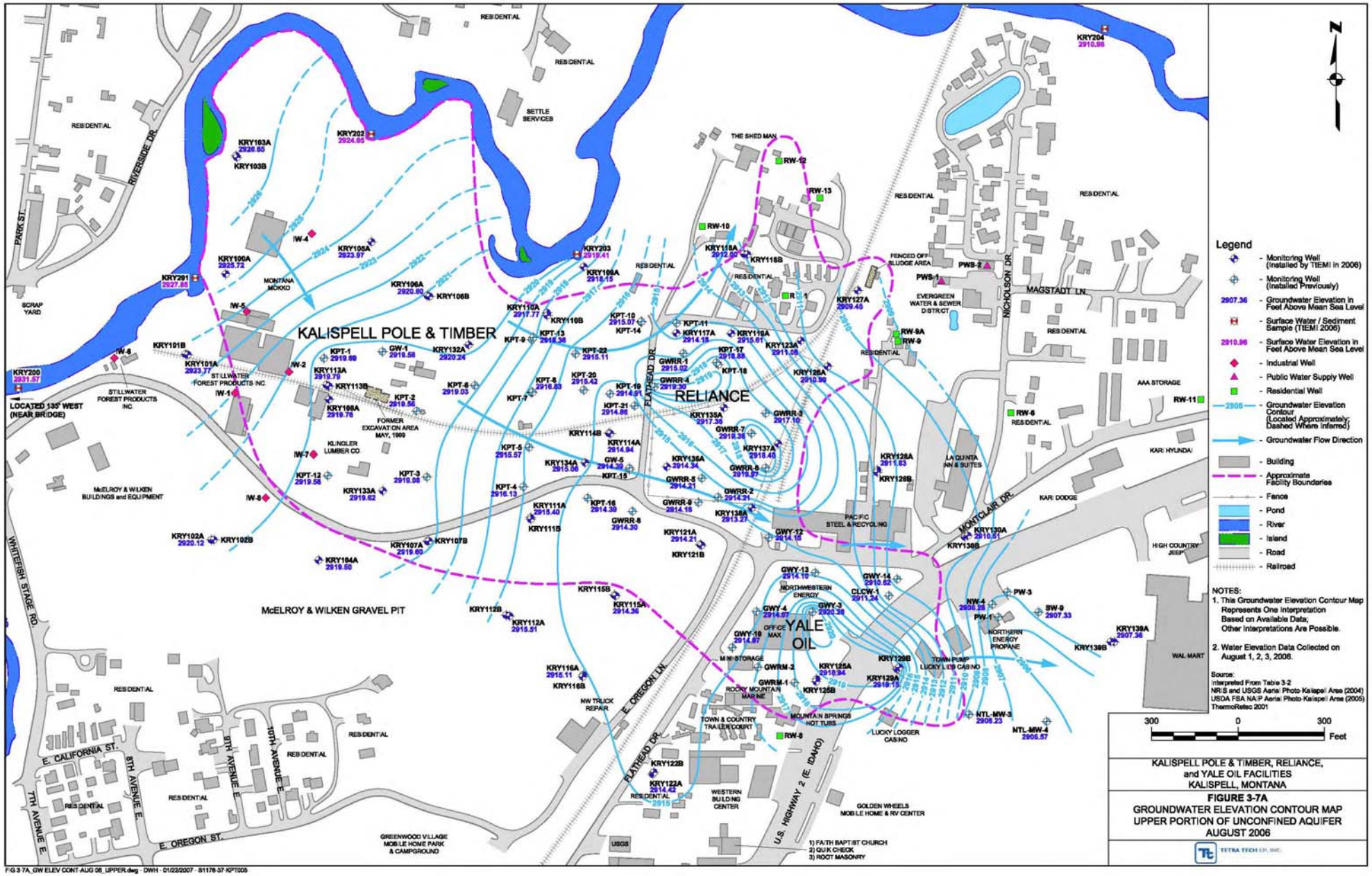



FIG 3-7A_GW ELEV CONT AUG 06_UPPER.dwg - DWH - 01/22/2007 - S1176-37-KPT005

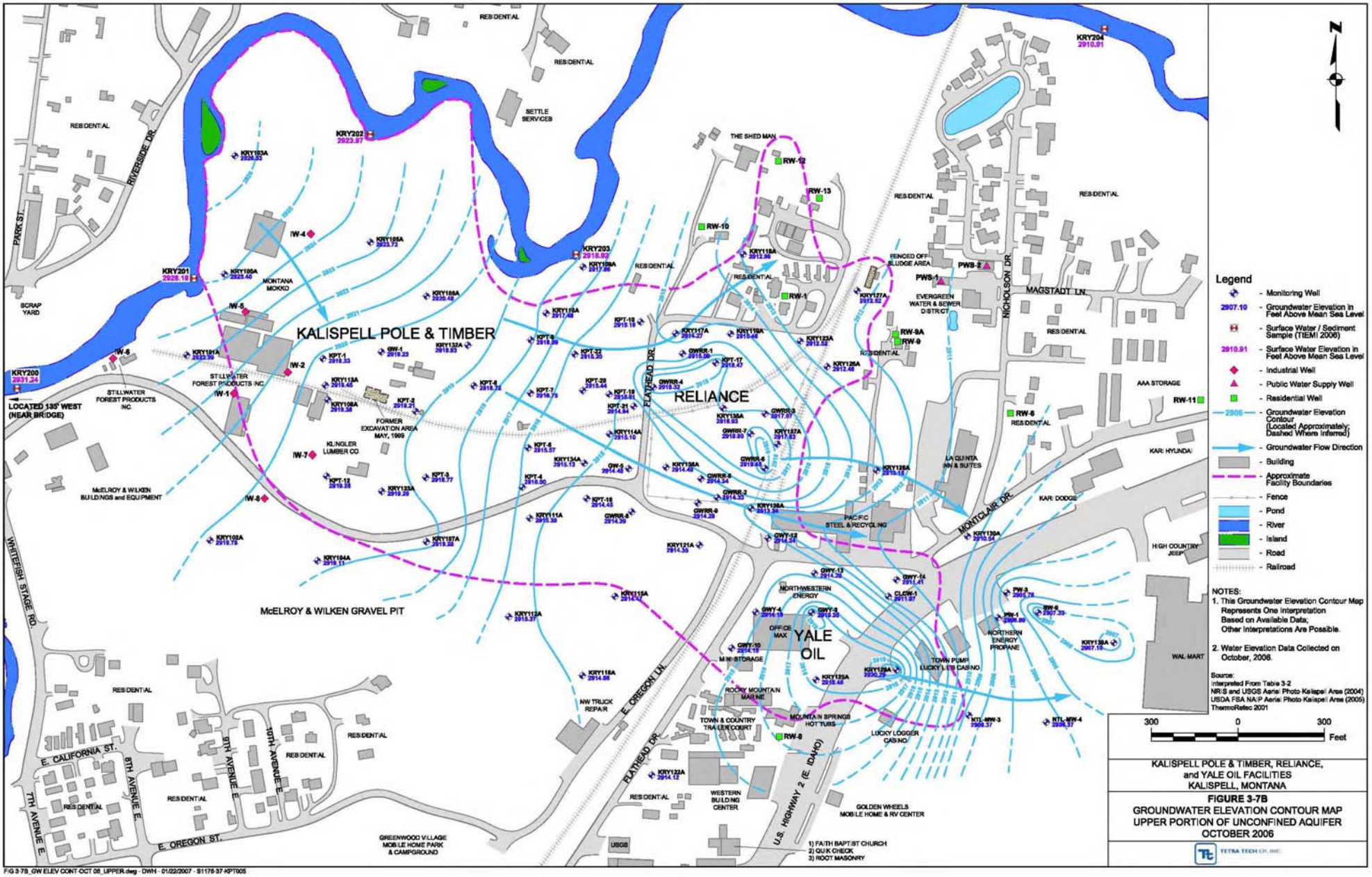



FIG 3-7B_GW ELEV CONT OCT 06_UPPER.dwg - DWH - 01/22/2007 - S1178-37-KPT005

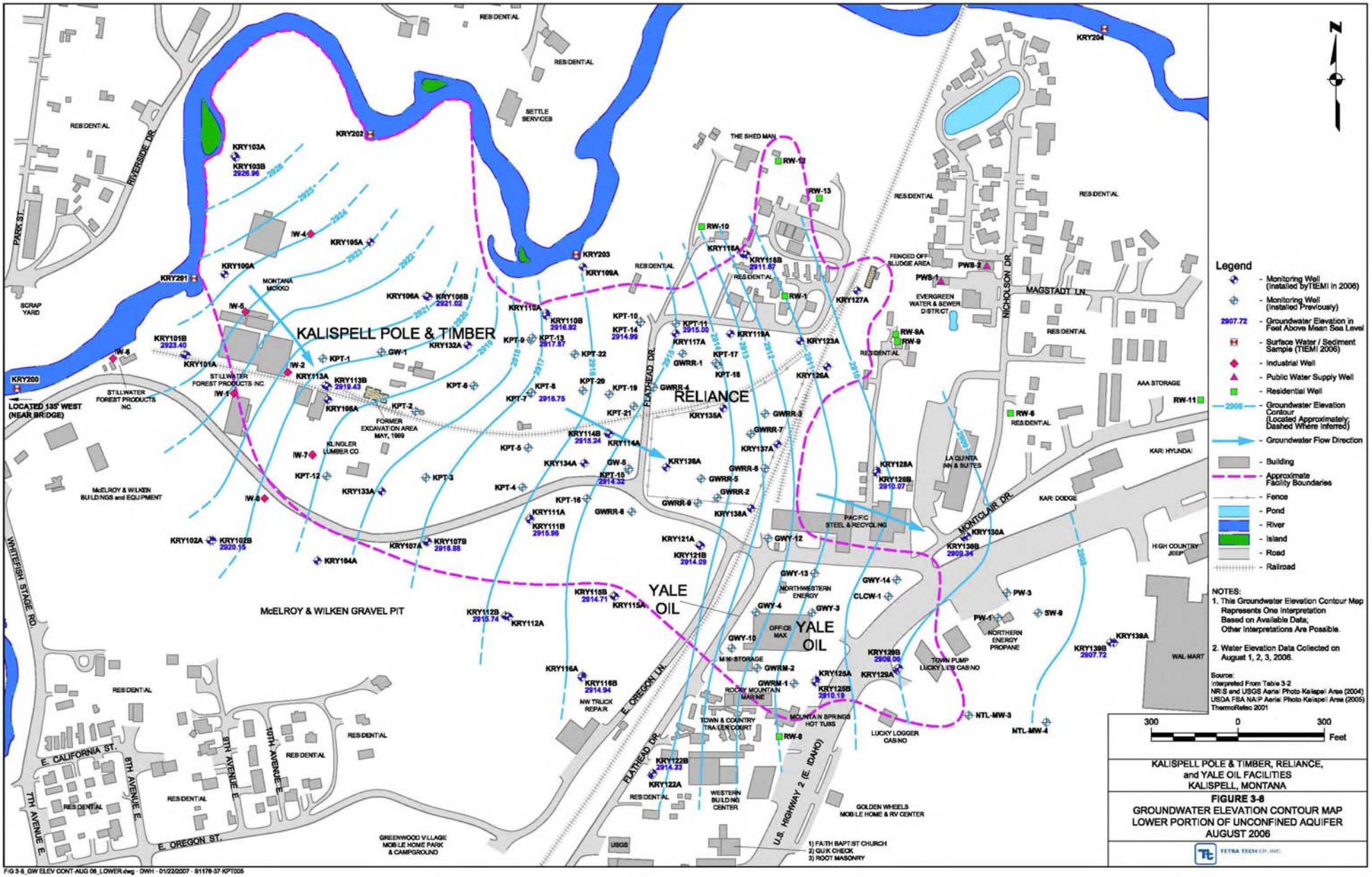
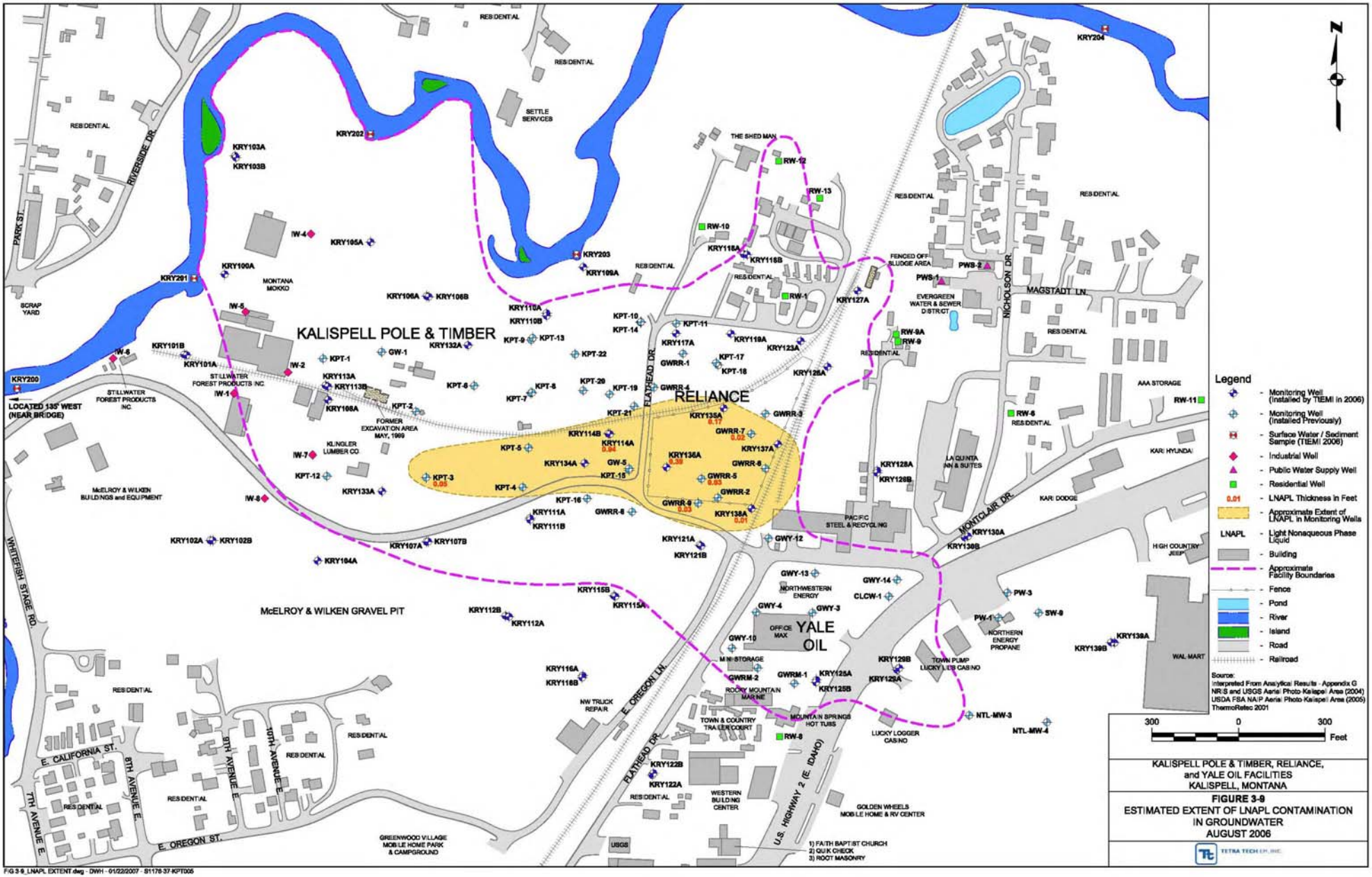
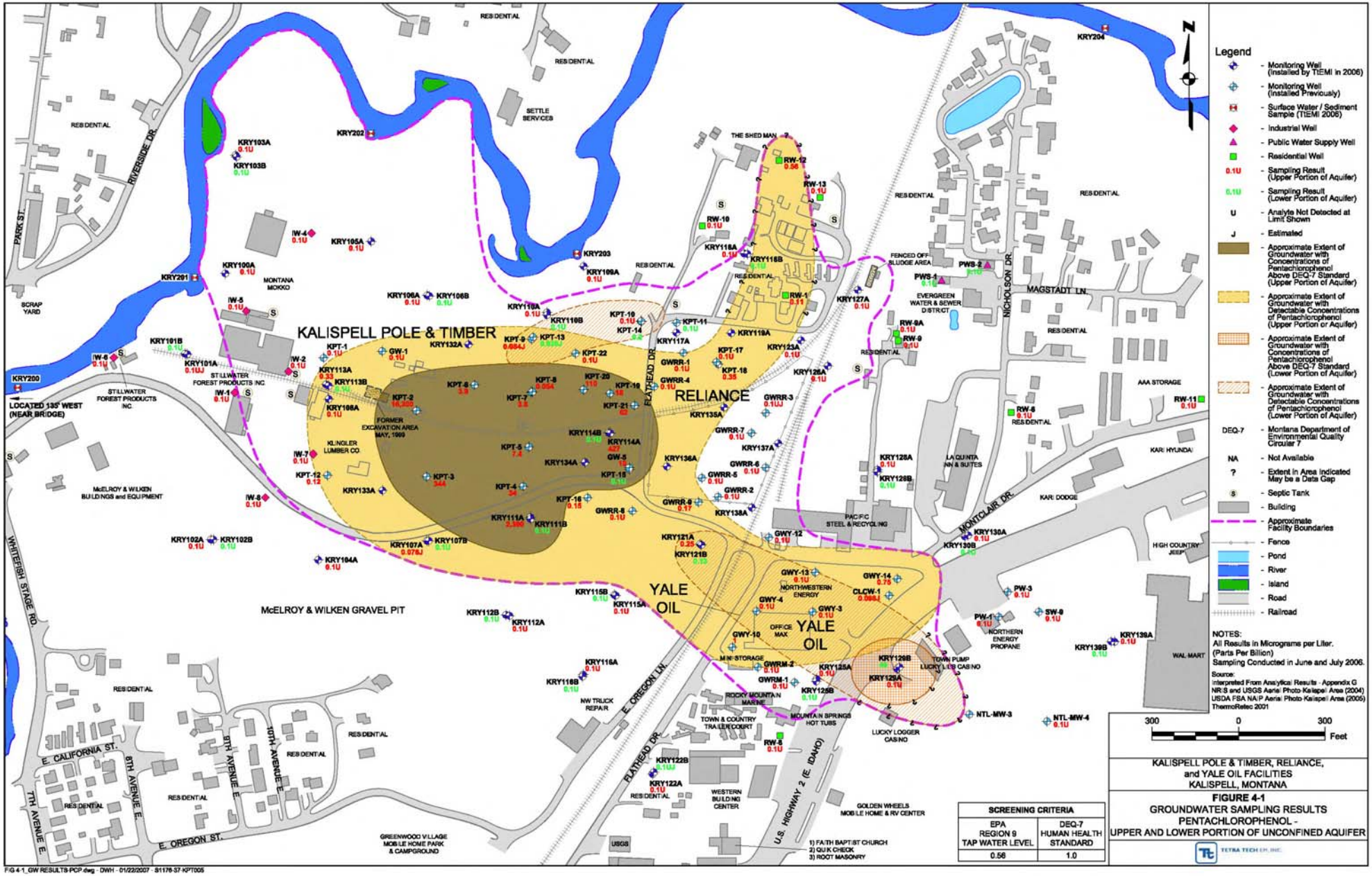
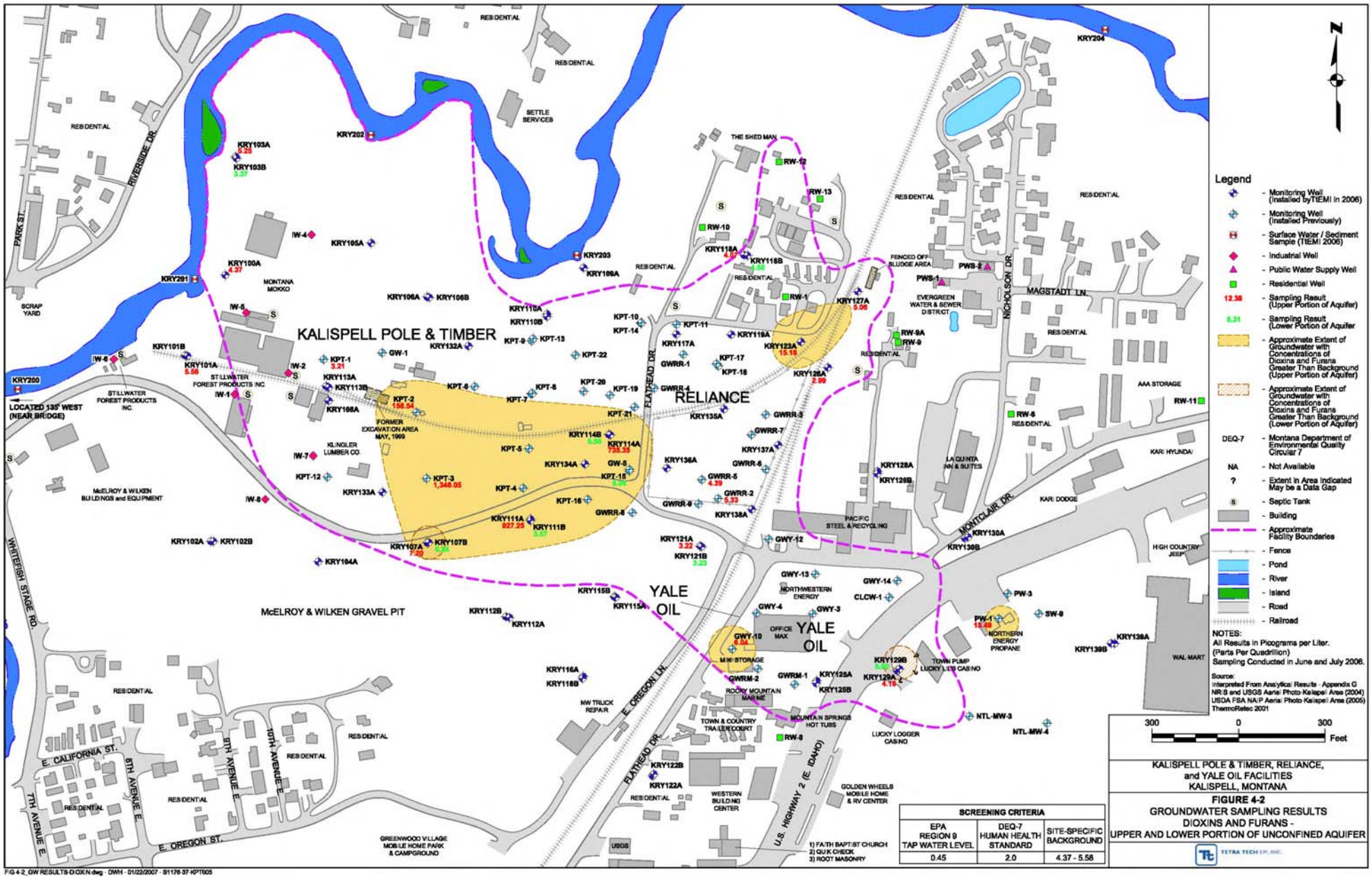


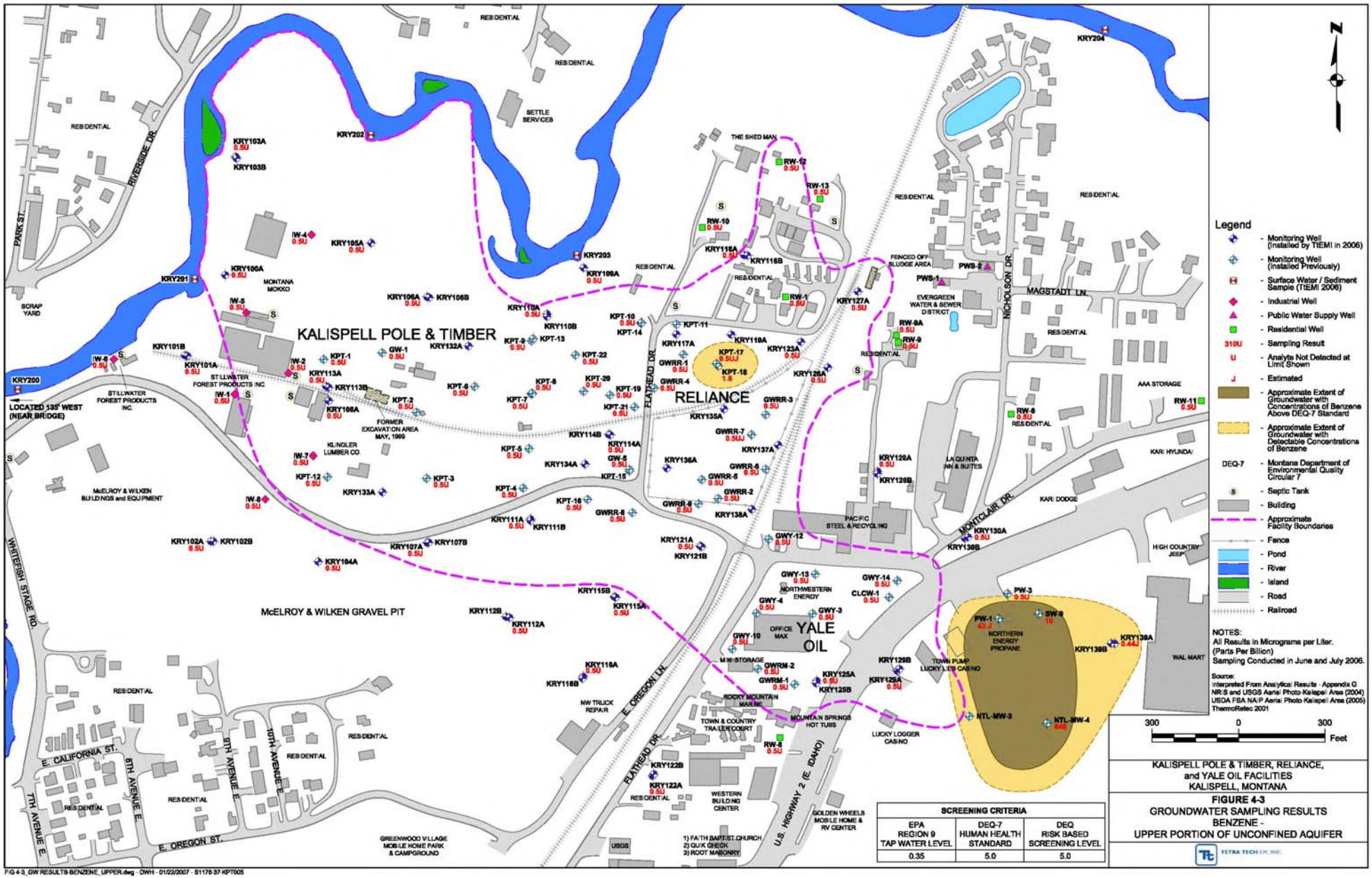

FIG 3-8_GW ELEV CONT AUG 06_LOWER.dwg - DWH - 01/22/2007 - S1176-37 KPT005


KALISPELL POLE & TIMBER
RELIANCE
YALE OIL
McELROY & WILKEN GRAVEL PIT
RESIDENTIAL
SETTLE SERVICES
THE SHED MAN
FENCED OFF SLUDGE AREA
EVERGREEN WATER & SEWER DISTRICT
MAGSTADT LN.
NICHOLSON DR.
RIVERSIDE DR.
PARK ST.
SCRAP YARD
MONTANA MOKKO
STILLWATER FOREST PRODUCTS INC.
LOCATED 135' WEST (NEAR BRIDGE)
FORMER EXCAVATION AREA MAY, 1999
KLINGLER LUMBER CO.
McELROY & WILKEN BUILDINGS and EQUIPMENT
WHITEFISH STAGE RD.
FLATHEAD DR.
E. OREGON LN.
E. OREGON ST.
E. CALIFORNIA ST.
7TH AVENUE E.
8TH AVENUE E.
10TH AVENUE E.
NW TRUCK REPAIR
GREENWOOD VILLAGE MOBILE HOME PARK & CAMPGROUND
USGS
NORTHWESTERN ENERGY
OFFICE MAX
MINI STORAGE
ROCKY MOUNTAIN MARINE
TOWN & COUNTRY TRAILER COURT
MOUNTAIN SPRINGS HOT TUBS
WESTERN BUILDING CENTER
U.S. HIGHWAY 2 (E. IDAHO)
GOLDEN WHEELS MOBILE HOME & RV CENTER
1) FAITH BAPTIST CHURCH
2) QUIK CHECK
3) ROOT MASONRY
PACIFIC STEEL & RECYCLING
LA QUINTA INN & SUITES
MONTCLAIR DR.
AAA STORAGE
KARI HYUNDAI
KARI DODGE
HIGH COUNTRY JEEP
WAL-MART
NORTHERN ENERGY PROPANE
TOWN PUMP LUCKY LOGGER CASINO
LUCKY LOGGER CASINO
Legend
Monitoring Well (Installed by TIEMI in 2006)
Monitoring Well (Installed Previously)
Surface Water / Sediment Sample (TIEMI 2006)
Industrial Well
Public Water Supply Well
Residential Well
0.01 - LNAPL Thickness in Feet
Approximate Extent of LNAPL in Monitoring Wells
LNAPL - Light Nonaqueous Phase Liquid
Building
Approximate Facility Boundaries
Fence
Pond
River
Island
Road
Railroad
Source:
Interpreted From Analytical Results - Appendix G
NRIS and USGS Aerial Photo Kalispell Area (2004)
USDA FSA NAIP Aerial Photo Kalispell Area (2005)
ThermoRetec 2001
300 0 300 Feet
KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA
FIGURE 3-9
ESTIMATED EXTENT OF LNAPL CONTAMINATION IN GROUNDWATER
AUGUST 2006
TETRA TECH EM, INC.
FIG 3-9_LNAPL EXTENT.dwg - DWH - 01/22/2007 - S1176-37-KPT005


KALISPELL POLE & TIMBER
RELIANCE
YALE OIL
YALE OIL
McELROY & WILKEN GRAVEL PIT
FORMER EXCAVATION AREA MAY, 1999
RESIDENTIAL
SETTLE SERVICES
THE SHED MAN
MONTANA MOKKO
SCRAP YARD
STILLWATER FOREST PRODUCTS INC
KLINGLER LUMBER CO.
McELROY & WILKEN BUILDINGS and EQUIPMENT
LOCATED 135' WEST (NEAR BRIDGE)
FENCED OFF SLUDGE AREA
EVERGREEN WATER & SEWER DISTRICT
MAGSTADT LN.
NICHOLSON DR.
AAA STORAGE
LA QUINTA INN & SUITES
KAR HYUNDAI
KAR DODGE
MONTCLAIR DR.
HIGH COUNTRY JEEP
WAL-MART
PACIFIC STEEL & RECYCLING
NORTHWESTERN ENERGY
OFFICE MAX
M-W STORAGE
ROCKY MOUNTAIN MARINE
TOWN & COUNTRY TRAILER COURT
MOUNTAIN SPRINGS HOT TUBS
LUCKY LOGGER CASINO
TOWN PUMP
NORTHERN ENERGY PROPANE
NW TRUCK REPAIR
WESTERN BUILDING CENTER
GOLDEN WHEELS MOBILE HOME & RV CENTER
GREENWOOD VILLAGE MOBILE HOME PARK & CAMPGROUND
USGS
1) FAITH BAPTIST CHURCH
2) QUICK CHECK
3) ROOT MASONRY
RIVERSIDE DR.
PARK ST.
WHITEFISH STAGE RD.
E. CALIFORNIA ST.
E. OREGON ST.
E. OREGON LN.
FLATHEAD DR.
U.S. HIGHWAY 2 (E. IDAHO)
7TH AVENUE E.
8TH AVENUE E.
10TH AVENUE E.
Legend
- Monitoring Well (Installed by TIEMI in 2006)
- Monitoring Well (Installed Previously)
- Surface Water / Sediment Sample (TIEMI 2006)
- Industrial Well
- Public Water Supply Well
- Residential Well
0.1U - Sampling Result (Upper Portion of Aquifer)
0.1U - Sampling Result (Lower Portion of Aquifer)
U - Analyte Not Detected at Limit Shown
J - Estimated
- Approximate Extent of Groundwater with Concentrations of Pentachlorophenol Above DEQ-7 Standard (Upper Portion of Aquifer)
- Approximate Extent of Groundwater with Detectable Concentrations of Pentachlorophenol (Upper Portion or Aquifer)
- Approximate Extent of Groundwater with Concentrations of Pentachlorophenol Above DEQ-7 Standard (Lower Portion of Aquifer)
- Approximate Extent of Groundwater with Detectable Concentrations of Pentachlorophenol (Lower Portion of Aquifer)
DEQ-7 - Montana Department of Environmental Quality Circular 7
NA - Not Available
? - Extent in Area Indicated May be a Data Gap
S - Septic Tank
- Building
- Approximate Facility Boundaries
- Fence
- Pond
- River
- Island
- Road
- Railroad
NOTES:
All Results in Micrograms per Liter. (Parts Per Billion)
Sampling Conducted in June and July 2006.
Source:
Interpreted From Analytical Results - Appendix G
NRIS and USGS Aerial Photo Kalispell Area (2004)
USDA FSA NAIP Aerial Photo Kalispell Area (2005)
ThermoRetec 2001
300 0 300 Feet
SCREENING CRITERIA
EPA REGION 9 TAP WATER LEVEL
DEQ-7 HUMAN HEALTH STANDARD
0.56
1.0
KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA
FIGURE 4-1
GROUNDWATER SAMPLING RESULTS
PENTACHLOROPHENOL -
UPPER AND LOWER PORTION OF UNCONFINED AQUIFER
TETRA TECH EM, INC.
FIG 4-1_GW RESULTS-PCP.dwg - DWH - 01/22/2007 - 91176-37-KPT005




| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 TAP WATER LEVEL | DEQ-7 HUMAN HEALTH STANDARD | SITE-SPECIFIC BACKGROUND |
| 0.45 | 2.0 | 4.37 - 5.58 |




| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 TAP WATER LEVEL | DEQ-7 HUMAN HEALTH STANDARD | DEQ RISK BASED SCREENING LEVEL |
| 0.35 | 5.0 | 5.0 |

FIG 4-3_GW RESULTS-BENZENE_UPPER.dwg - DWH - 01/22/2007 - S1176 37-KPT005

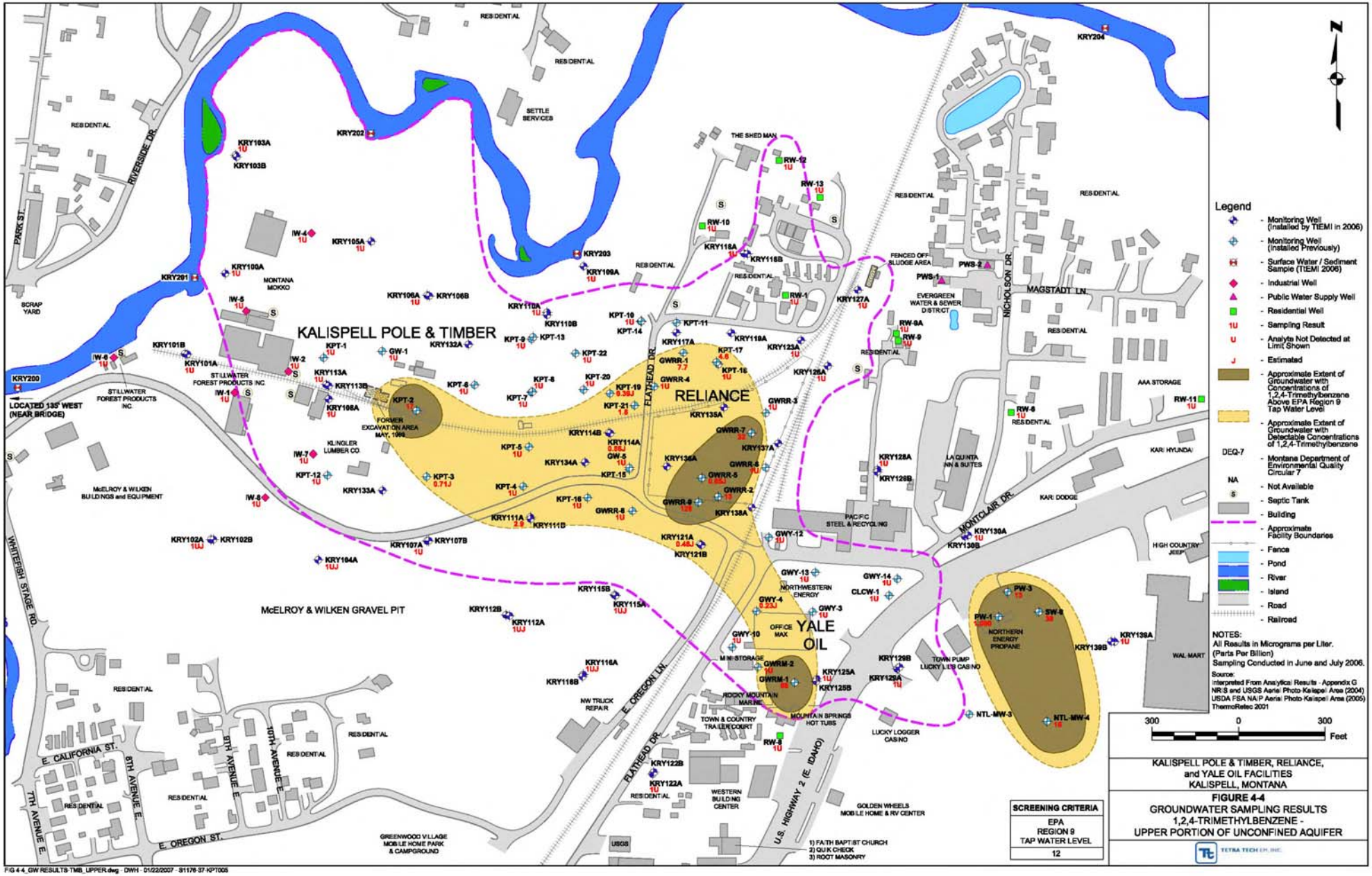
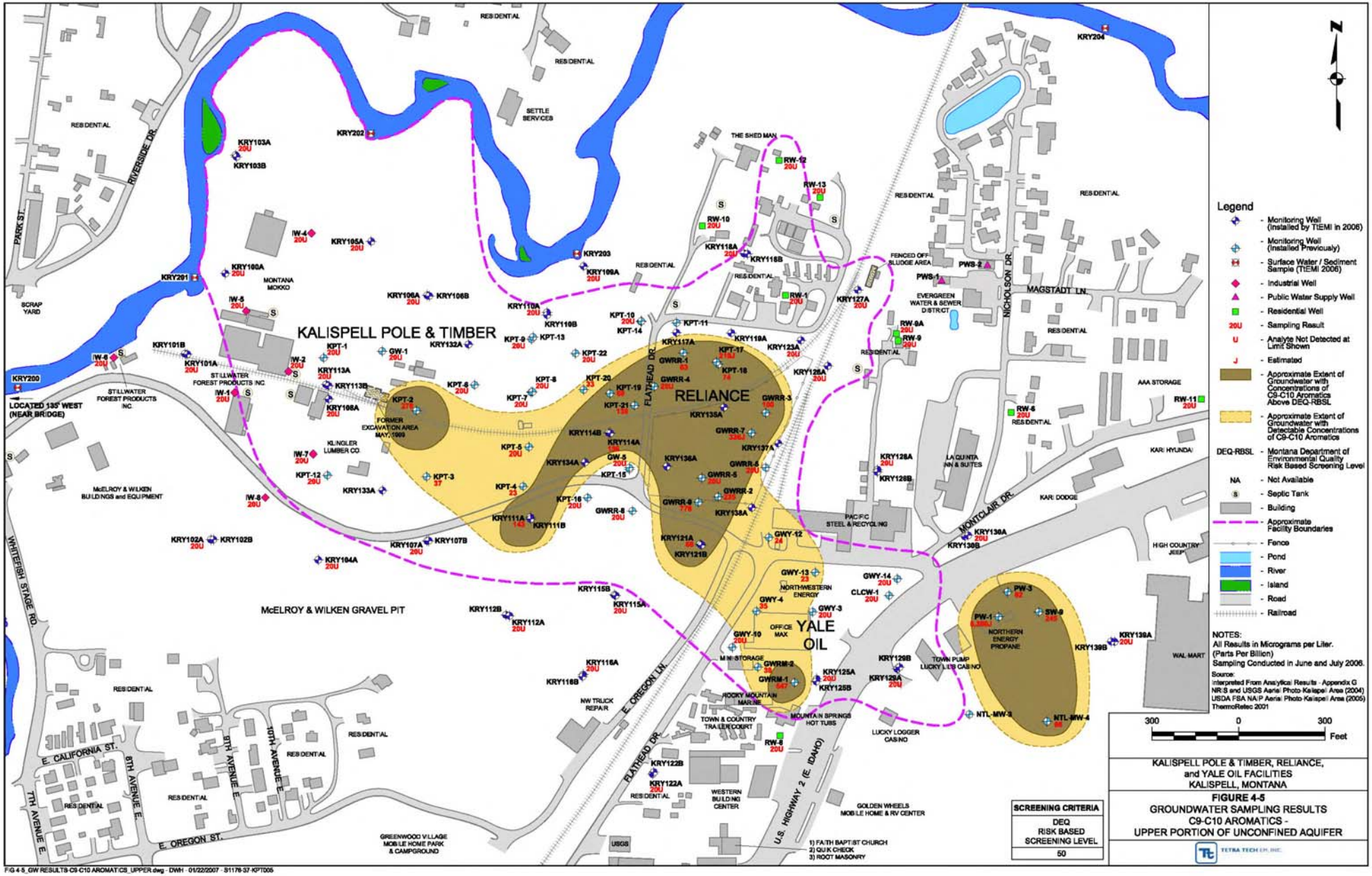



FIG 4-4_GW RESULTS-TMB_UPPER.dwg - DWH - 01/22/2007 - S1176-37-KPT005


KALISPELL POLE & TIMBER
RELIANCE
YALE OIL
McELROY & WILKEN GRAVEL PIT
RESIDENTIAL
SETTLE SERVICES
THE SHED MAN
MONTANA MOKKO
SCRAP YARD
STILLWATER FOREST PRODUCTS INC
KLINGLER LUMBER CO
McELROY & WILKEN BUILDINGS and EQUIPMENT
FORMER EXCAVATION AREA MAY, 1999
LOCATED 135' WEST (NEAR BRIDGE)
FENCED OFF SLUDGE AREA
EVERGREEN WATER & SEWER DISTRICT
PACIFIC STEEL & RECYCLING
NORTHWESTERN ENERGY
OFFICE MAX
MINI STORAGE
ROCKY MOUNTAIN MARINE
MOUNTAIN SPRINGS HOT TUBS
TOWN & COUNTRY TRAILER COURT
NW TRUCK REPAIR
WESTERN BUILDING CENTER
GOLDEN WHEELS MOBILE HOME & RV CENTER
LUCKY LOGGER CASINO
TOWN PUMP LUCKY LUS CASINO
NORTHERN ENERGY PROPANE
LA QUINTA INN & SUITES
AAA STORAGE
KAR HYUNDAI
KAR DODGE
HIGH COUNTRY JEEP
WAL-MART
GREENWOOD VILLAGE MOBILE HOME PARK & CAMPGROUND
USGS
1) FAITH BAPTIST CHURCH
2) QUIK CHECK
3) ROOT MASONRY
RIVERSIDE DR.
PARK ST.
WHITEFISH STAGE RD.
FLATHEAD DR.
E. OREGON LN.
E. OREGON ST.
E. CALIFORNIA ST.
7TH AVENUE E.
8TH AVENUE E.
10TH AVENUE E.
U.S. HIGHWAY 2 (E. IDAHO)
NICHOLSON DR.
MAGSTADT LN.
MONTCLAIR DR.
KRY200
KRY201
KRY202
KRY203
KRY204
KRY103A
KRY103B
KRY100A
KRY105A
KRY106A
KRY106B
KRY109A
KRY110A
KRY110B
KRY118A
KRY118B
KRY127A
KRY101A
KRY101B
KRY113A
KRY113B
KRY108A
KRY132A
KRY133A
KRY102A
KRY102B
KRY104A
KRY107A
KRY107B
KRY111A
KRY111B
KRY112A
KRY112B
KRY115A
KRY115B
KRY116A
KRY116B
KRY114A
KRY114B
KRY134A
KRY117A
KRY119A
KRY123A
KRY125A
KRY125B
KRY126A
KRY126B
KRY128A
KRY128B
KRY129A
KRY129B
KRY130A
KRY130B
KRY135A
KRY136A
KRY137A
KRY138A
KRY139A
KRY139B
KRY121A
KRY121B
KRY122A
KRY122B
IW-1
IW-2
IW-4
IW-5
IW-6
IW-7
IW-8
KPT-1
KPT-2
KPT-3
KPT-4
KPT-5
KPT-6
KPT-7
KPT-8
KPT-9
KPT-10
KPT-11
KPT-12
KPT-13
KPT-14
KPT-15
KPT-16
KPT-17
KPT-18
KPT-19
KPT-20
KPT-21
KPT-22
GW-1
GW-5
GWRR-1
GWRR-2
GWRR-3
GWRR-4
GWRR-5
GWRR-6
GWRR-7
GWRR-8
GWY-3
GWY-4
GWY-10
GWY-12
GWY-13
GWY-14
CLCW-1
GWRM-1
GWRM-2
RW-1
RW-6
RW-8
RW-9
RW-9A
RW-10
RW-11
RW-12
RW-13
PWS-1
PWS-2
PW-1
PW-3
SW-9
NTL-MW-3
NTL-MW-4
S
Legend
- Monitoring Well (Installed by TIEMI in 2006)
- Monitoring Well (Installed Previously)
- Surface Water / Sediment Sample (TIEMI 2006)
- Industrial Well
- Public Water Supply Well
- Residential Well
20U - Sampling Result
U - Analyte Not Detected at Limit Shown
J - Estimated
- Approximate Extent of Groundwater with Concentrations of C9-C10 Aromatics Above DEQ-RBSL
- Approximate Extent of Groundwater with Detectable Concentrations of C9-C10 Aromatics
DEQ-RBSL - Montana Department of Environmental Quality Risk Based Screening Level
NA - Not Available
S - Septic Tank
- Building
- Approximate Facility Boundaries
- Fence
- Pond
- River
- Island
- Road
- Railroad
NOTES:
All Results in Micrograms per Liter. (Parts Per Billion)
Sampling Conducted in June and July 2006.
Source:
Interpreted From Analytical Results - Appendix G
NRIS and USGS Aerial Photo Kalispell Area (2004)
USDA FSA NAIP Aerial Photo Kalispell Area (2005)
ThermoRetec 2001
300 0 300 Feet
SCREENING CRITERIA
DEQ RISK BASED SCREENING LEVEL
50
KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA
FIGURE 4-5
GROUNDWATER SAMPLING RESULTS
C9-C10 AROMATICS -
UPPER PORTION OF UNCONFINED AQUIFER
TETRA TECH EM, INC.
FIG 4-5_GW RESULTS-C9-C10 AROMATICS_UPPER.dwg - DWH - 01/22/2007 - S1176-37-KPT005

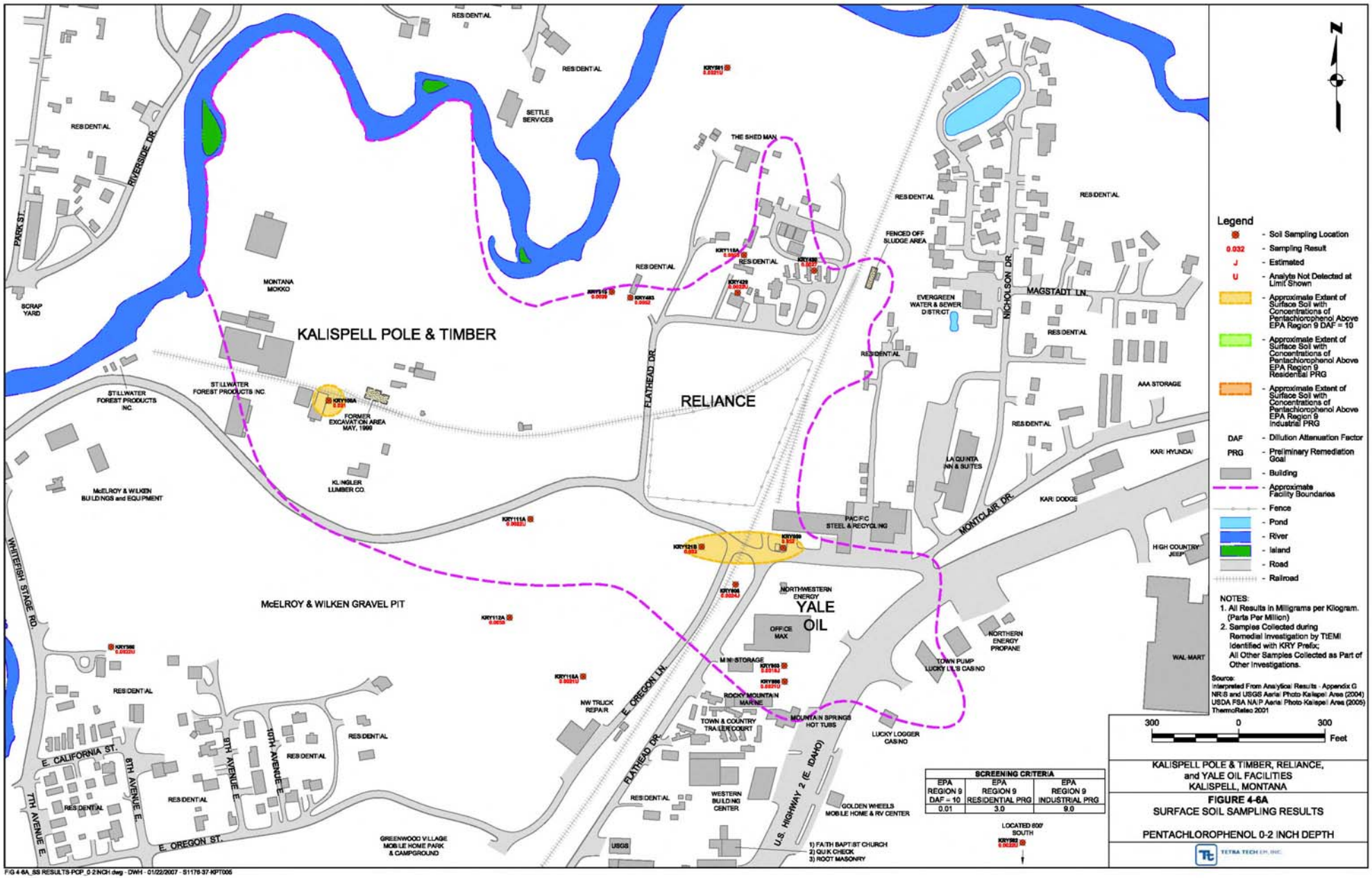
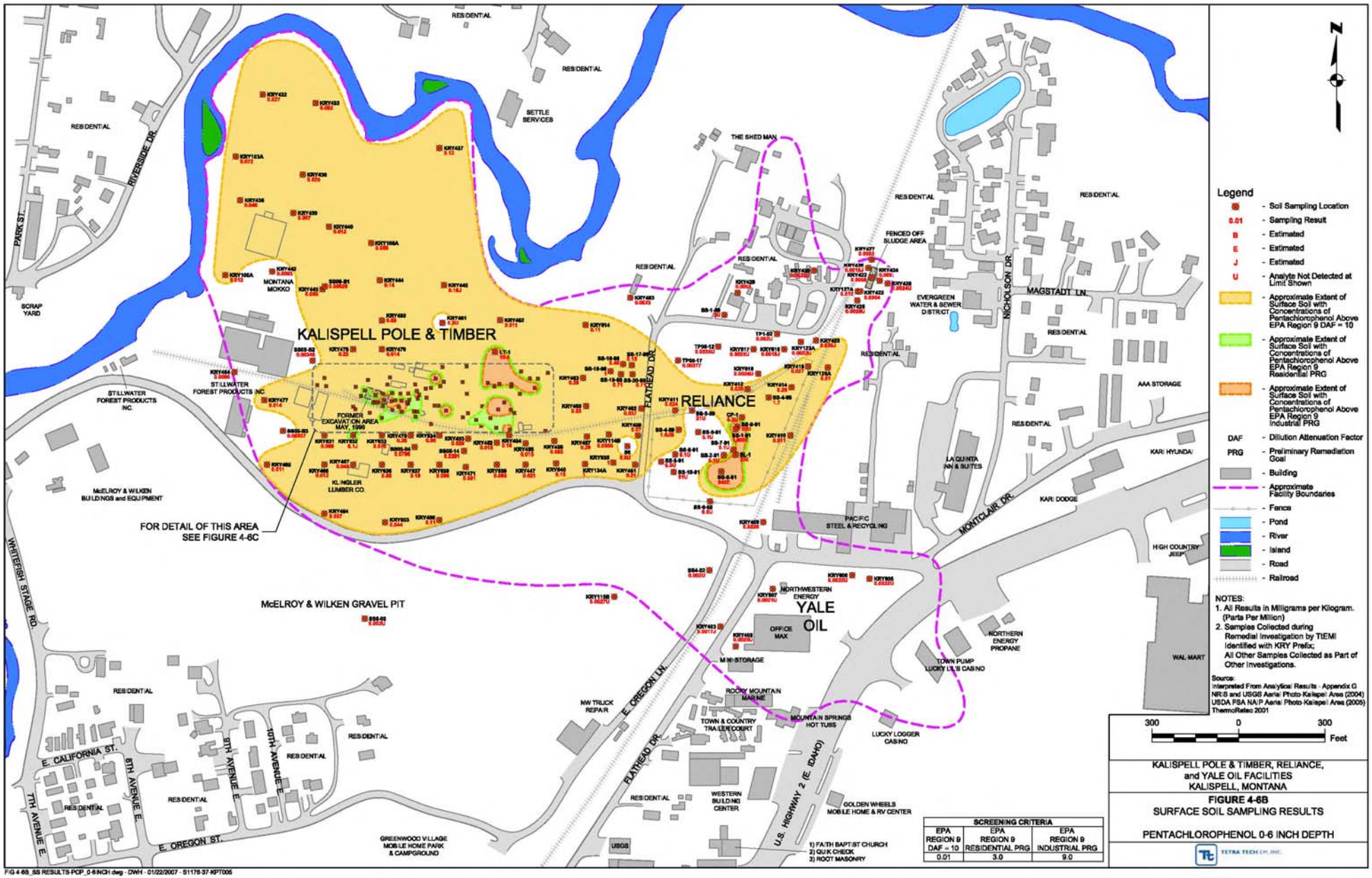
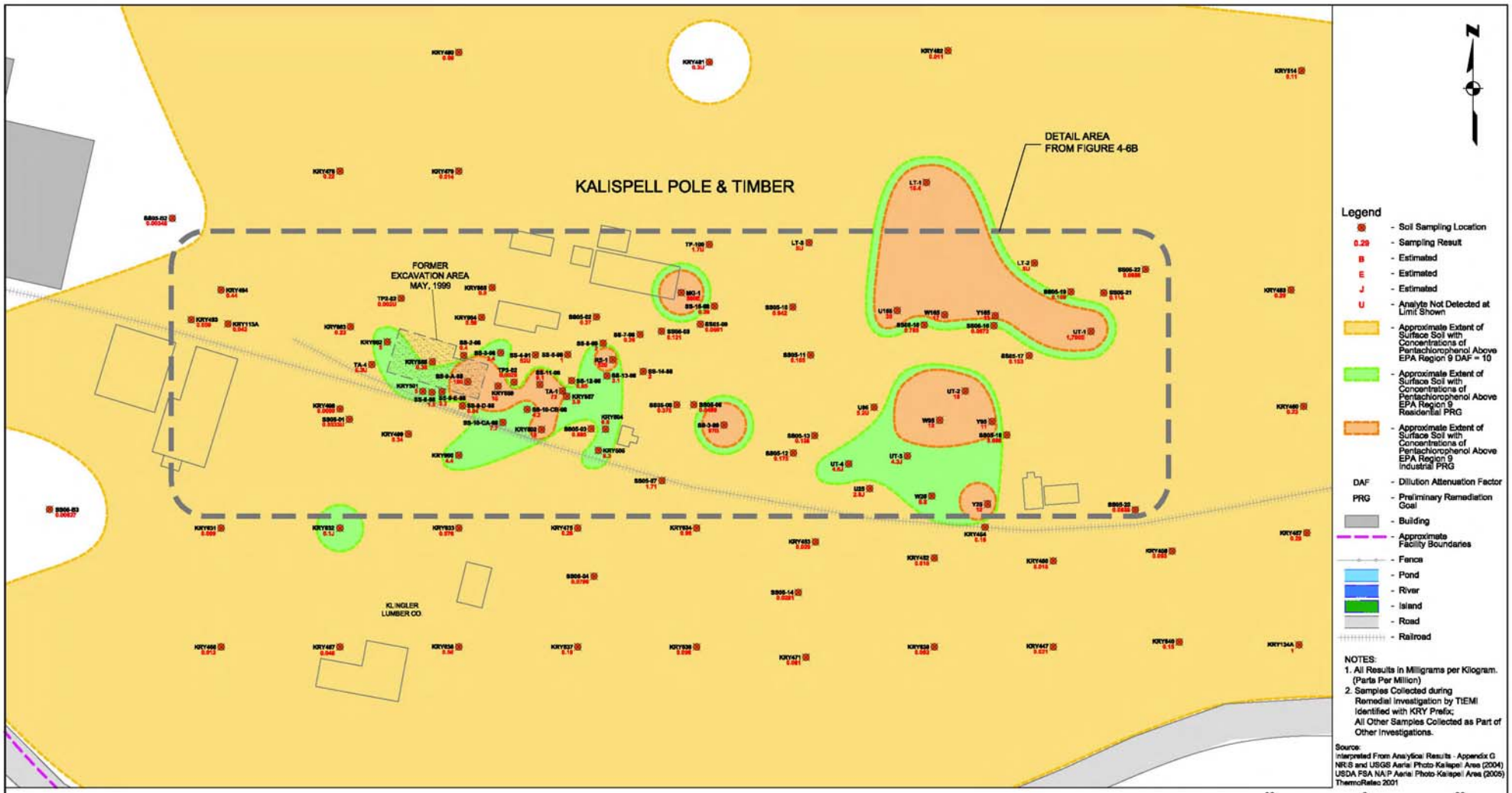



FIG 4-6A_SS RESULTS-PCP_0-2 INCH.dwg - DWH - 01/22/2007 - S1176-37-KPT005




| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 DAF = 10 | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG |
| 0.01 | 3.0 | 9.0 |



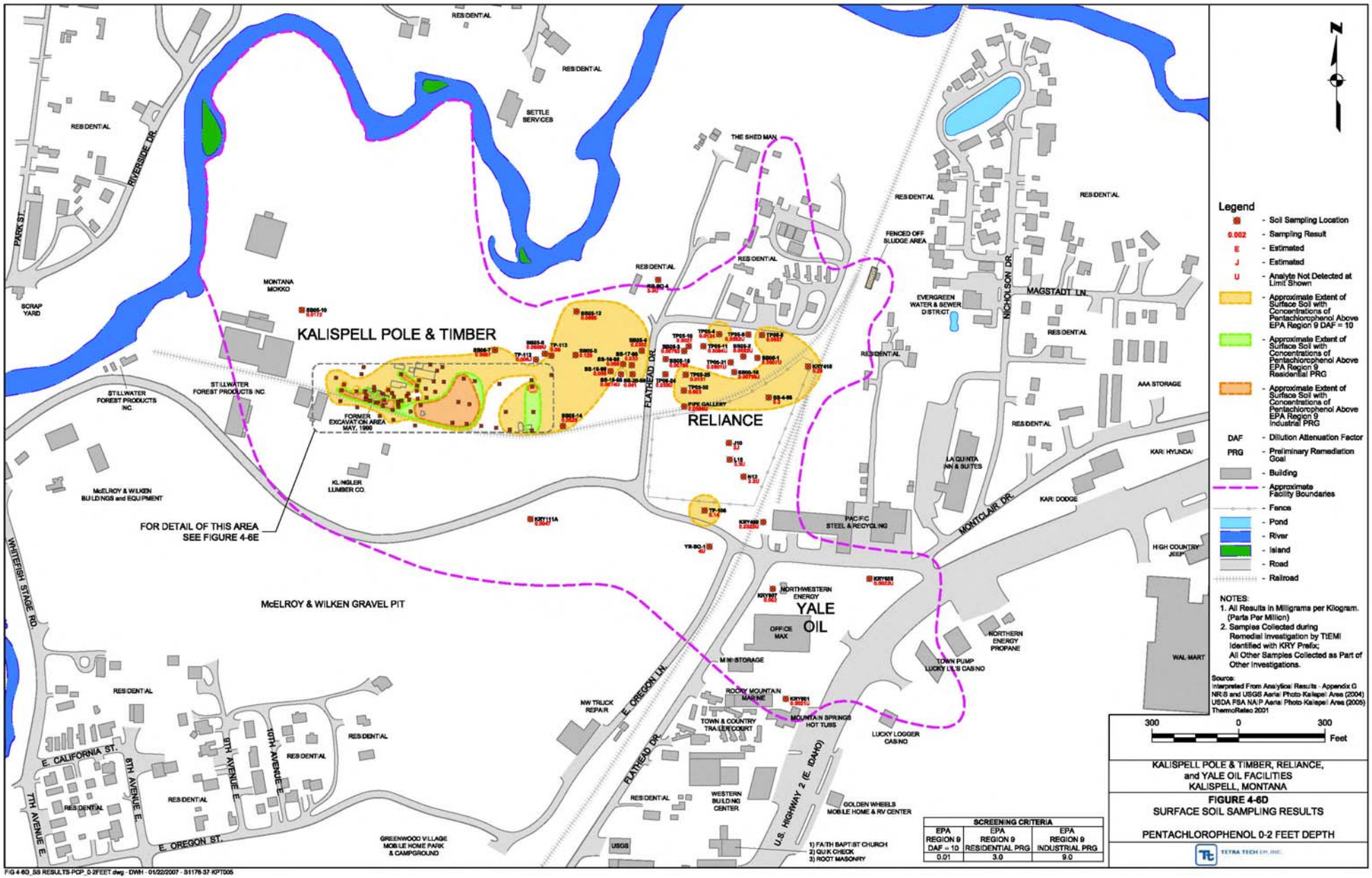

| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 DAF = 10 | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG |
| 0.01 | 3.0 | 9.0 |

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

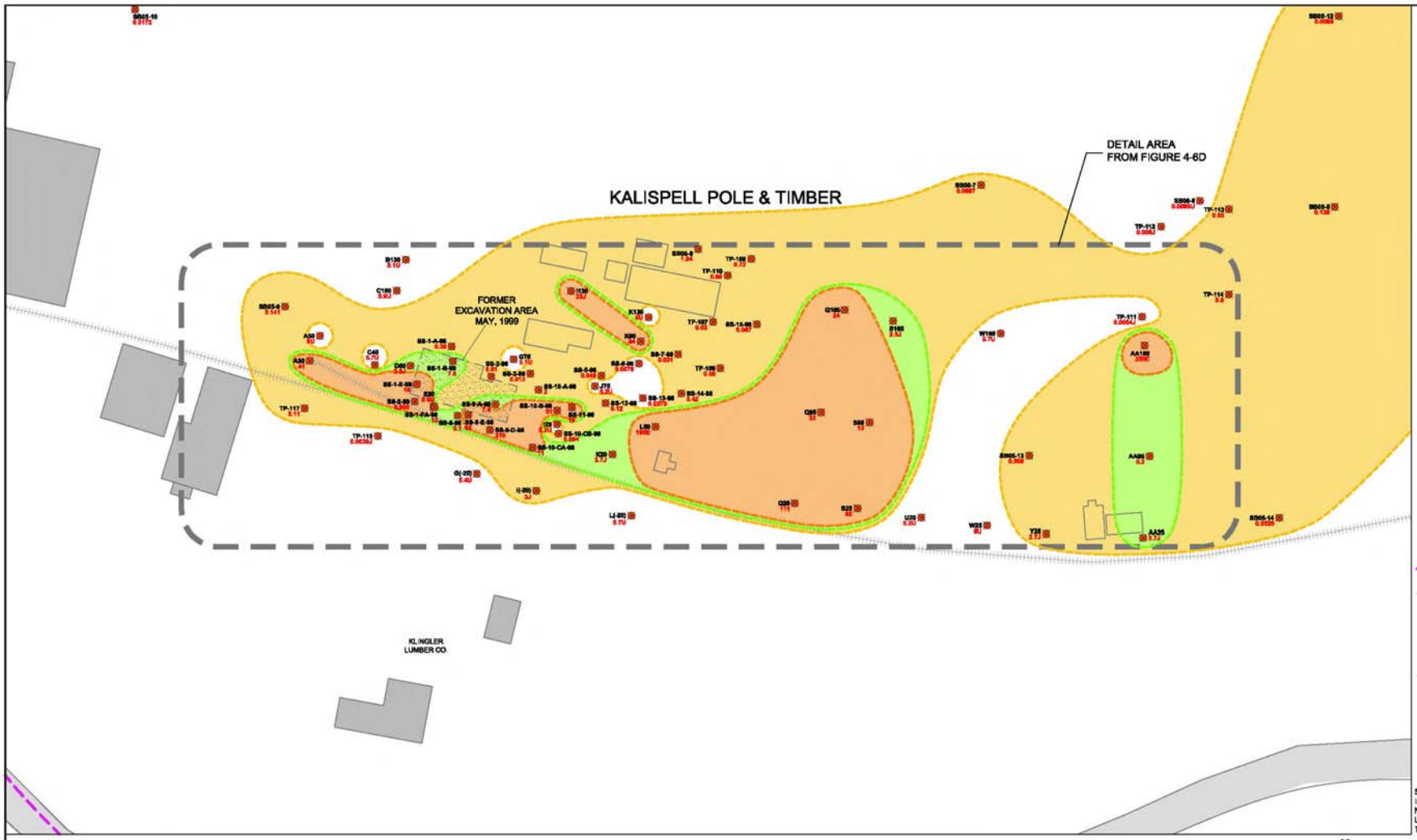
**FIGURE 4-6C**
SURFACE SOIL SAMPLING RESULTS
KPT AREA
PENTACHLOROPHENOL 0-6 INCH DEPTH

TETRA TECH EM, INC.

FIG 4-6C_SS RESULTS-PCP_0-6INCH_KPT.dwg - DWH - 01/22/2007 - S1176-37-KPT005




| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 DAF = 10 | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG |
| 0.01 | 3.0 | 9.0 |




Legend

- Soil Sampling Location
- 0.129 - Sampling Result
- E - Estimated
- J - Estimated
- U - Analyte Not Detected at Limit Shown
- Approximate Extent of Surface Soil with Concentrations of Pentachlorophenol Above EPA Region 9 DAF = 10
- Approximate Extent of Surface Soil with Concentrations of Pentachlorophenol Above EPA Region 9 Residential PRG
- Approximate Extent of Surface Soil with Concentrations of Pentachlorophenol Above EPA Region 9 Industrial PRG
- DAF - Dilution Attenuation Factor
- PRG - Preliminary Remediation Goal
- Building
- Approximate Facility Boundaries
- Fence
- Pond
- River
- Island
- Road
- Railroad

NOTES:
1. All Results in Milligrams per Kilogram. (Parts Per Million)
2. Samples Collected during Remedial Investigation by TtEMI Identified with KRY Prefix; All Other Samples Collected as Part of Other Investigations.

Source:
Interpreted From Analytical Results - Appendix G
NRIS and USGS Aerial Photo-Kalispel Area (2004)
USDA FSA NAIP Aerial Photo-Kalispel Area (2005)
ThermoRetec 2001

80 0 80 Feet

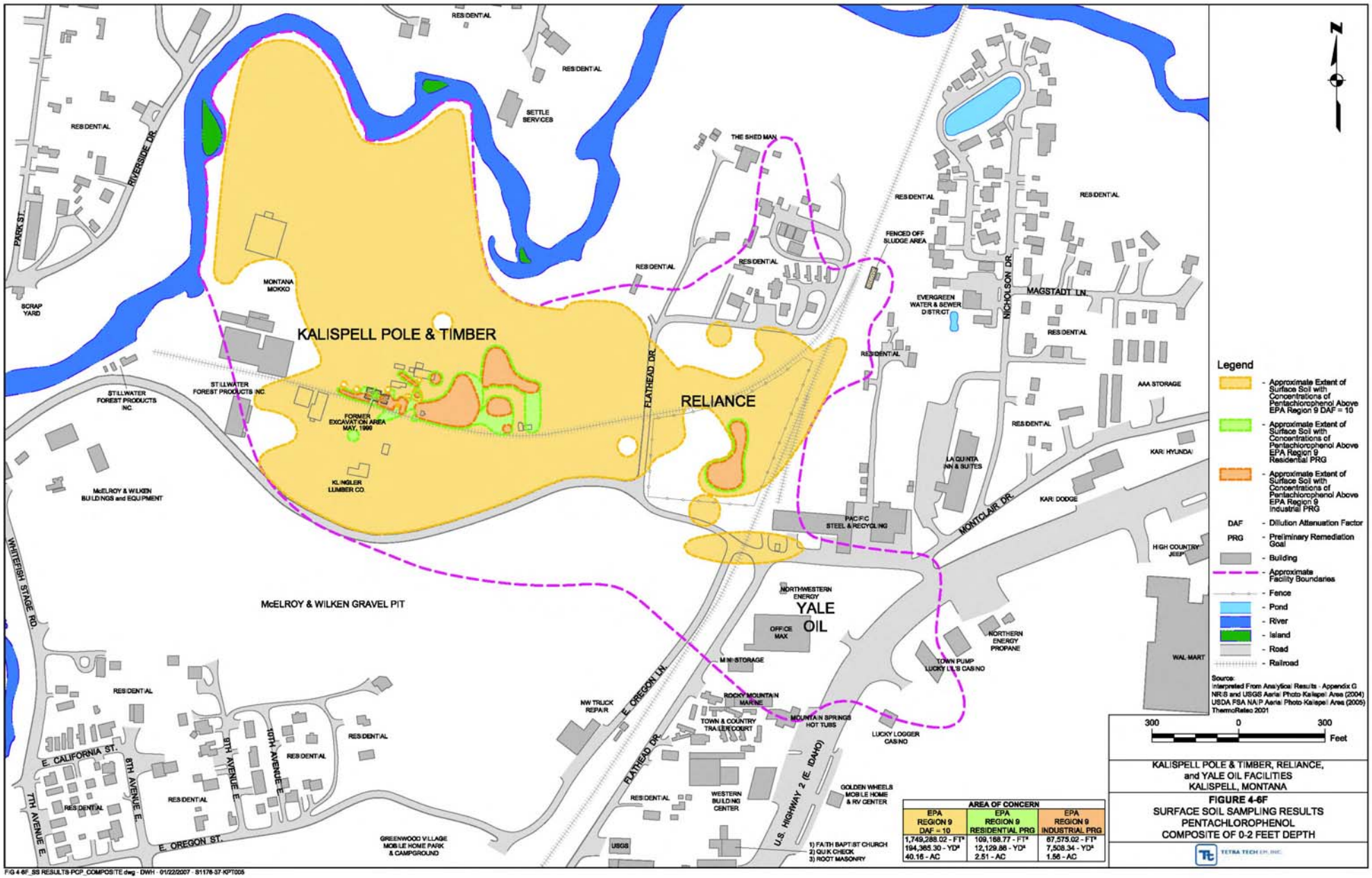
| SCREENING CRITERIA | | |
|---|---|---|
| EPA REGION 9 DAF = 10 | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG |
| 0.01 | 3.0 | 9.0 |

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 4-6E**
SURFACE SOIL SAMPLING RESULTS
KPT AREA
PENTACHLOROPHENOL 0-2 FEET DEPTH

TETRA TECH EM, INC.

FIG 4-6E_SS RESULTS-PCP_0-2FEET_KPT.dwg - DWH - 01/22/2007 - S1178 37-KPT005




| AREA OF CONCERN | | |
|---|---|---|
| EPA REGION 9 DAF = 10 | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG |
| 1,749,288.02 - FT² | 109,168.77 - FT² | 67,575.02 - FT² |
| 194,365.30 - YD² | 12,129.86 - YD² | 7,508.34 - YD² |
| 40.16 - AC | 2.51 - AC | 1.56 - AC |

FIG 4-6F_SS RESULTS-PCP_COMPOSITE.dwg - DWH - 01/22/2007 - S1176-37-KPT005

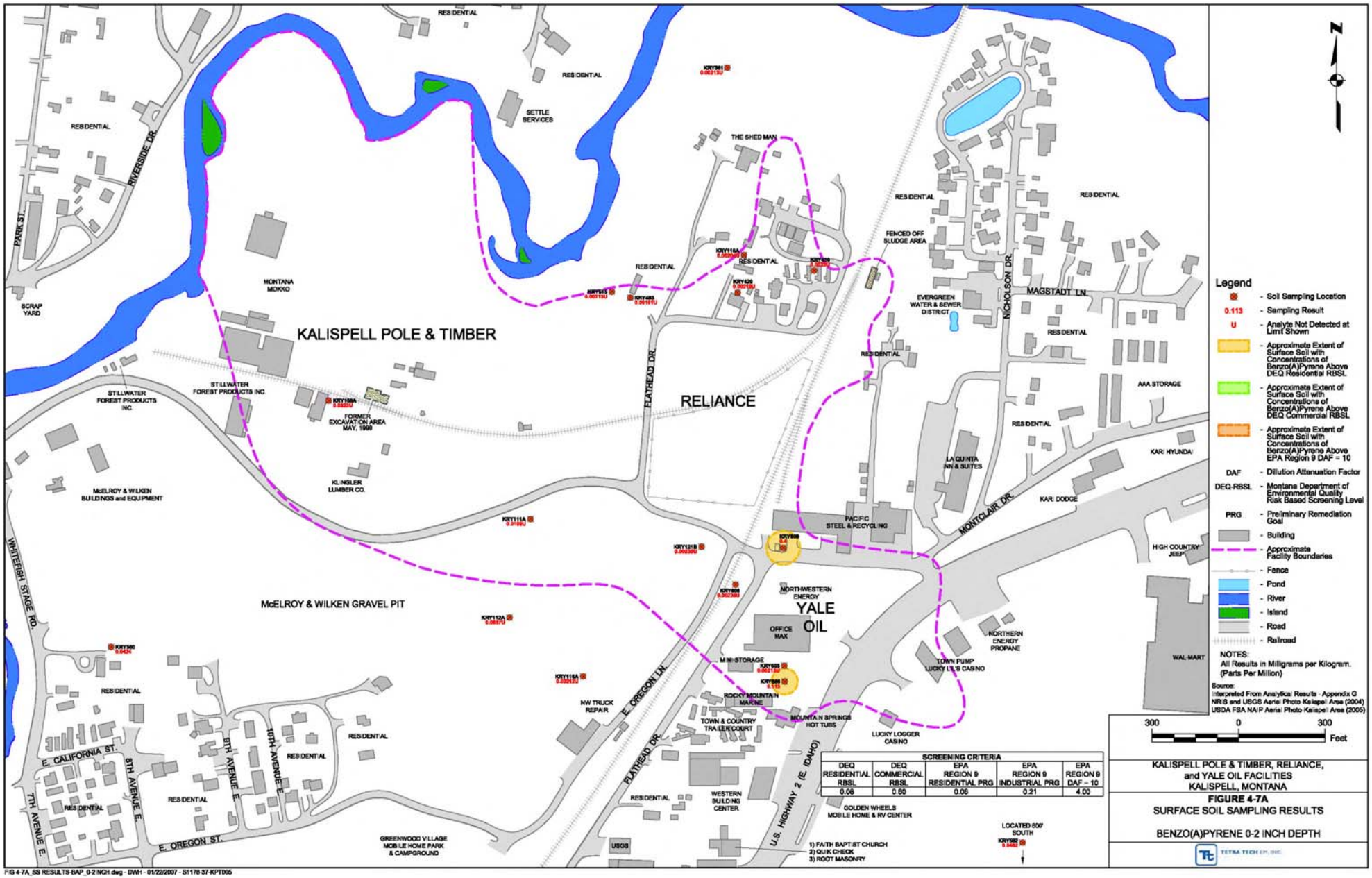
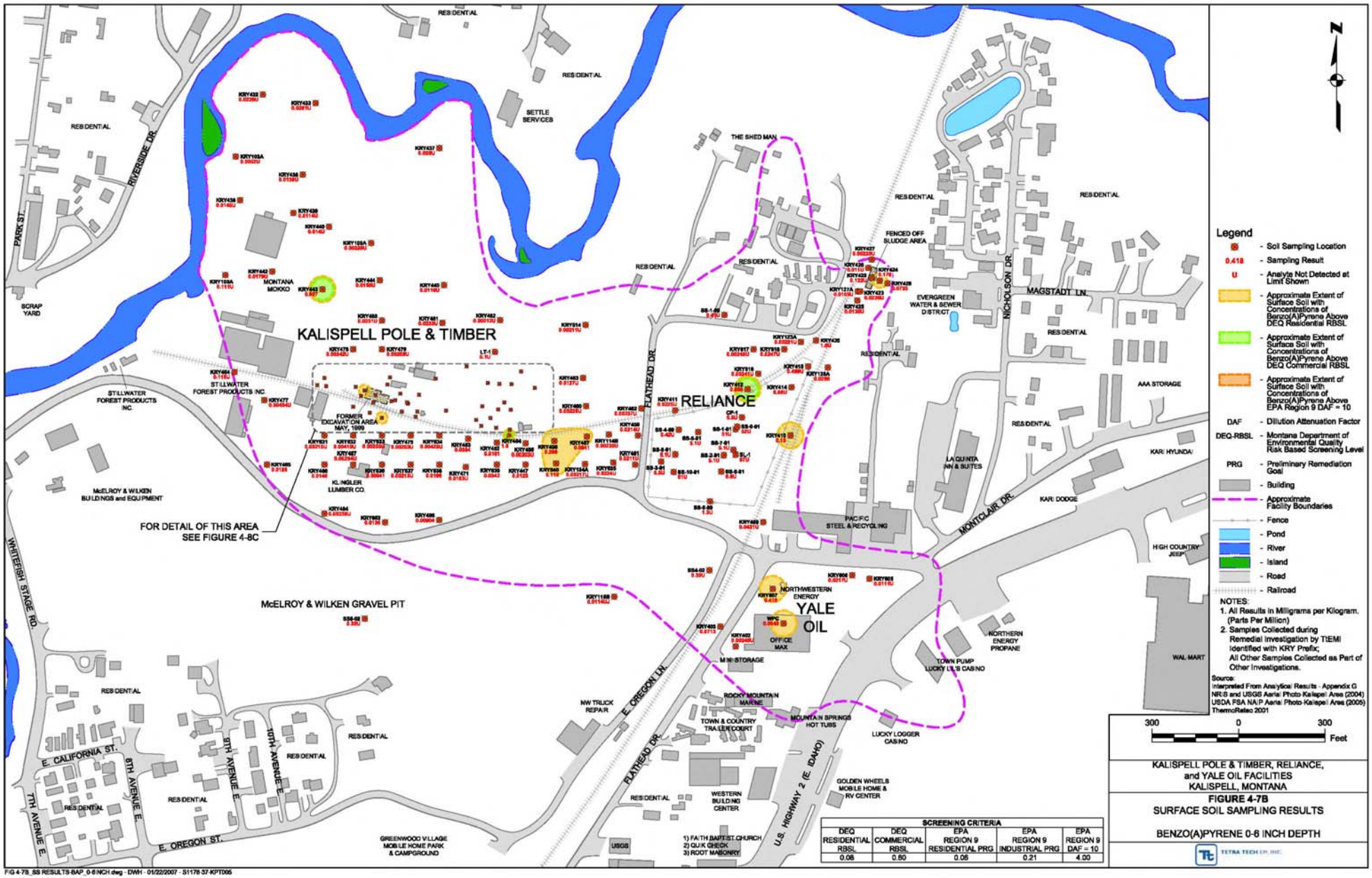
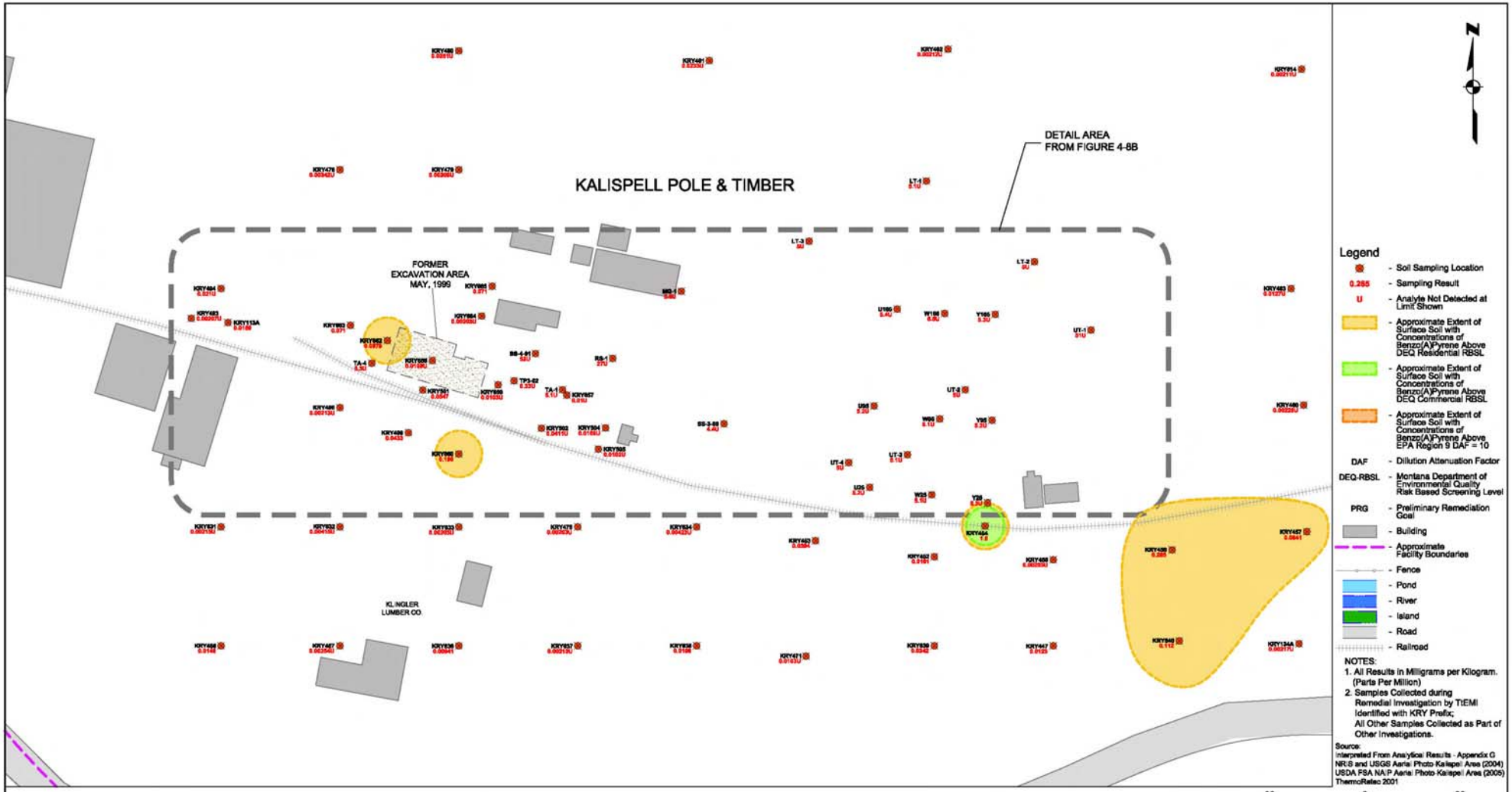



FIG 4-7A_SS RESULTS-BAP_0-2 INCH.dwg - DWH - 01/22/2007 - S1178-37-KPT005




| SCREENING CRITERIA | | | | |
|---|---|---|---|---|
| DEQ RESIDENTIAL RBSL | DEQ COMMERCIAL RBSL | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG | EPA REGION 9 DAF = 10 |
| 0.08 | 0.60 | 0.06 | 0.21 | 4.00 |

FIG 4-7B_SS RESULTS-BAP_0-6INCH.dwg - DWH - 01/22/2007 - S1178-37-KPT005



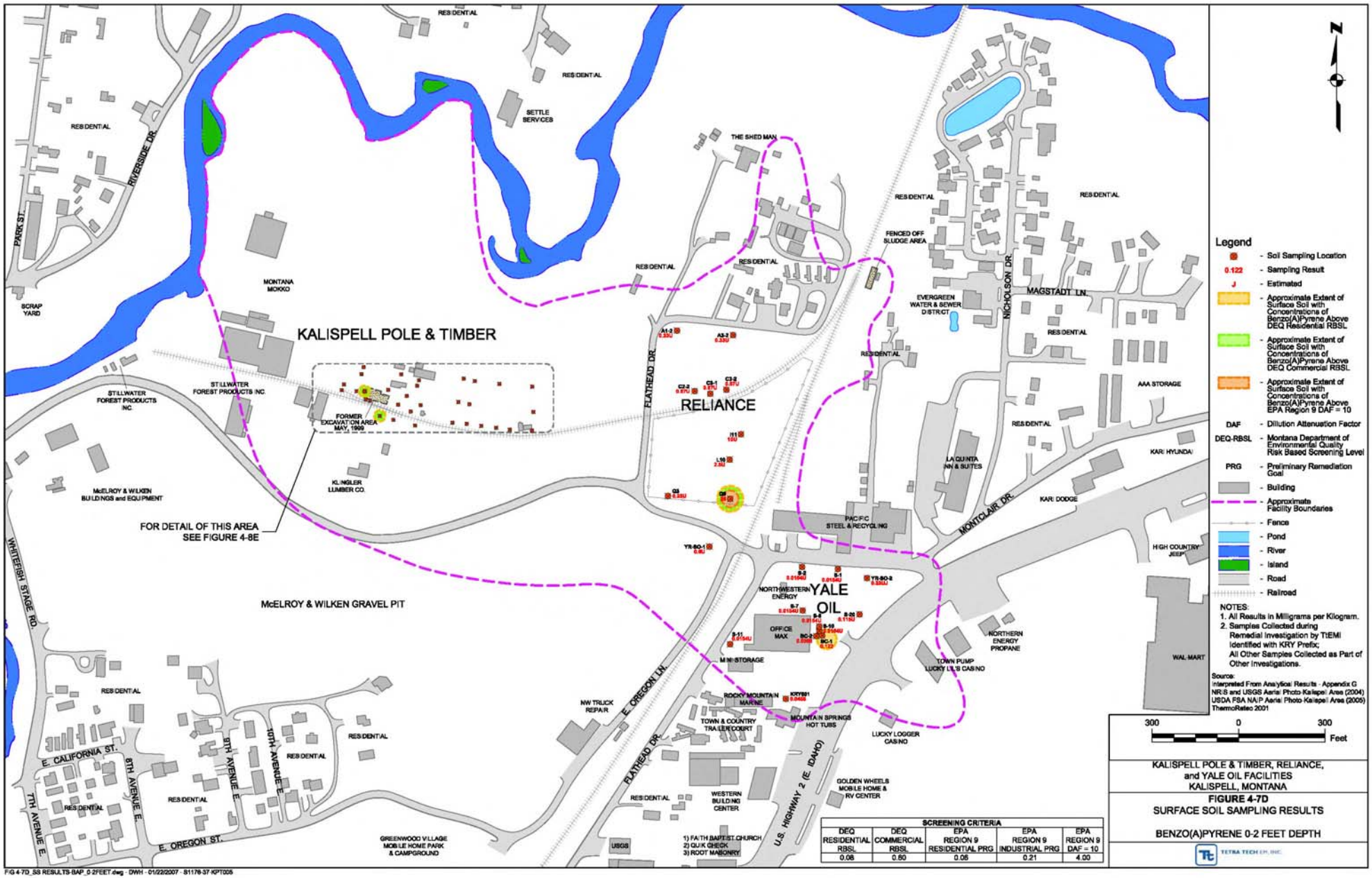

| SCREENING CRITERIA | | | | |
|---|---|---|---|---|
| DEQ RESIDENTIAL RBSL | DEQ COMMERCIAL RBSL | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG | EPA REGION 9 DAF = 10 |
| 0.08 | 0.60 | 0.06 | 0.21 | 4.00 |

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 4-7C**
SURFACE SOIL SAMPLING RESULTS
KPT AREA
BENZO(A)PYRENE 0-6 INCH DEPTH

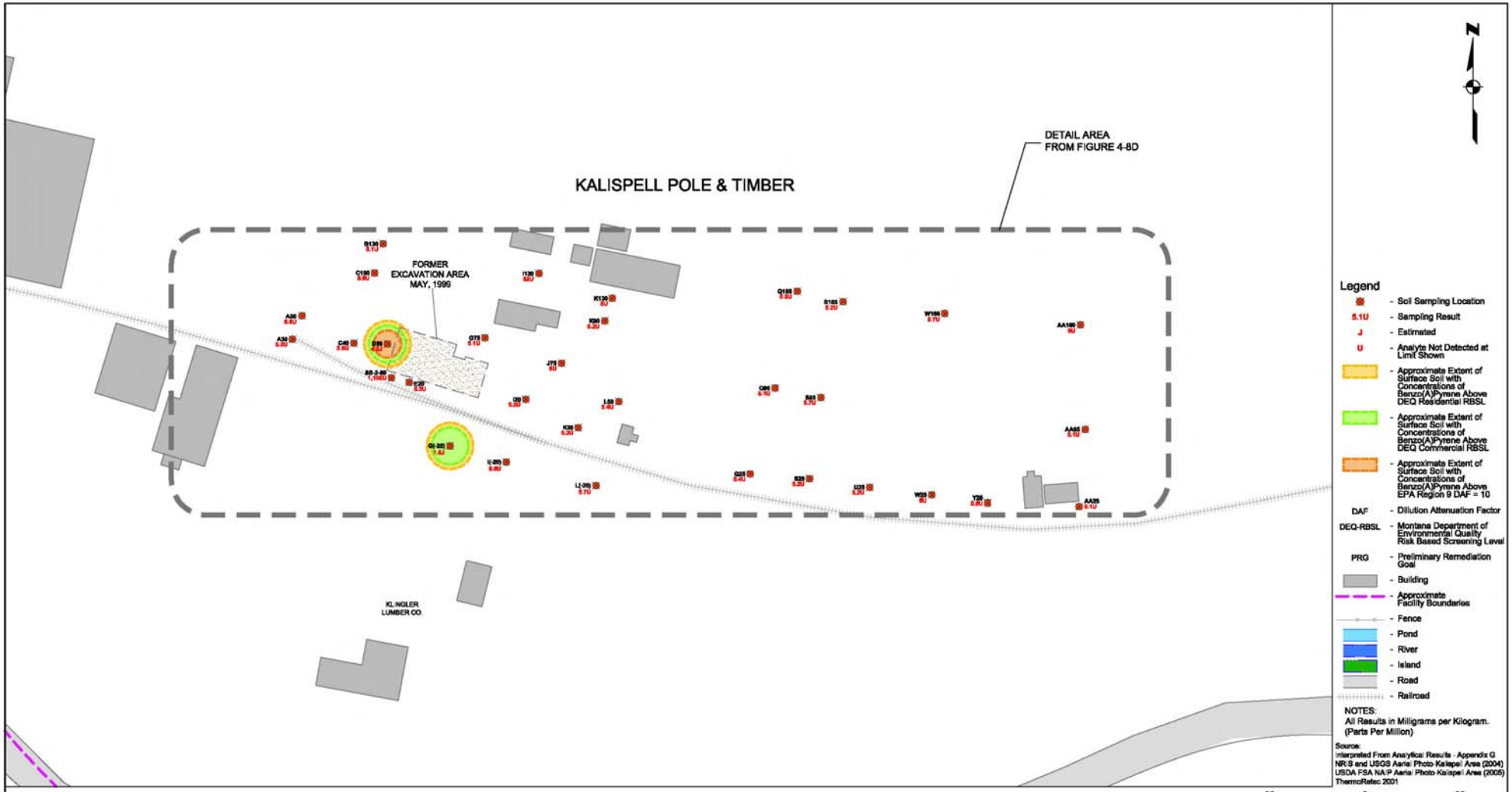
TETRA TECH EM, INC.

FIG 4-7C_SS RESULTS-BAP_0-6INCH_KPT.dwg - DWH - 01/22/2007 - S1176-37-KPT005




| SCREENING CRITERIA | | | | |
|---|---|---|---|---|
| DEQ RESIDENTIAL RBSL | DEQ COMMERCIAL RBSL | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG | EPA REGION 9 DAF = 10 |
| 0.08 | 0.60 | 0.06 | 0.21 | 4.00 |

FIG 4-7D_SS RESULTS-BAP_0-2FEET.dwg - DWH - 01/22/2007 - 81178-37-KPT005




| SCREENING CRITERIA | | | | |
|---|---|---|---|---|
| DEQ RESIDENTIAL RBSL | DEQ COMMERCIAL RBSL | EPA REGION 9 RESIDENTIAL PRG | EPA REGION 9 INDUSTRIAL PRG | EPA REGION 9 DAF = 10 |
| 0.08 | 0.60 | 0.06 | 0.21 | 4.00 |

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

**FIGURE 4-7E**
SURFACE SOIL SAMPLING RESULTS
KPT AREA
BENZO(A)PYRENE 0-2 FEET DEPTH

TETRA TECH EM, INC.

FIG 4-7E_SS RESULTS BAP_0-2FEET_KPT.dwg - DWH - 01/22/2007 - S1178-37-KPT005