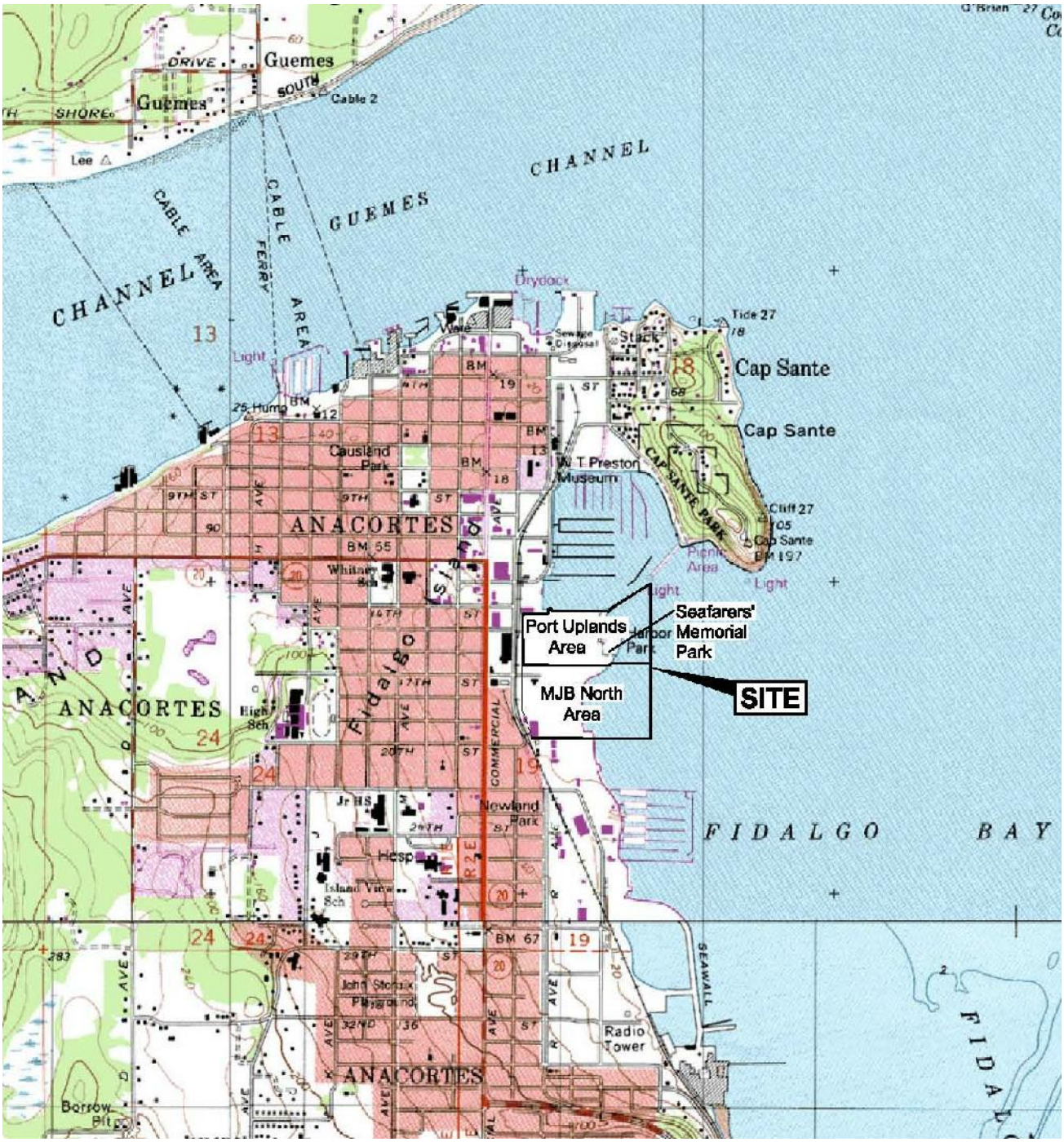
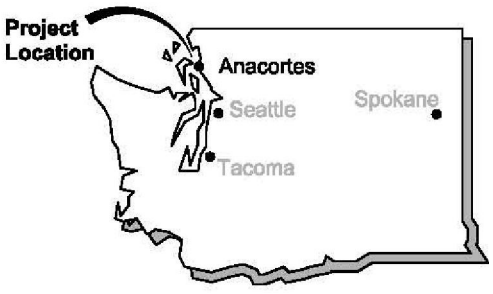
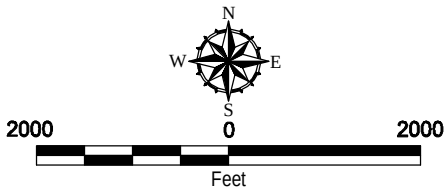






Source: PDF of Figure 1, Vicinity Map, provided by Landau Associates, dated 10/05/06.

Vicinity Map

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-1

W:\SEATTLE\PROJECTS\15\14700\02\CAD\APRIL 08 RI FIGURES\1514700702FI.DWG\TAB:FI MODIFIED BY LKNOWLTON ON MAR 18, 2008 - 13:36



Source: AutoCAD figure provided by Landau Associates, dated September 2006. Base map source: David C. Smith and Associates, July 2004.

Legend

Existing Building

MW-111 Monitoring Well with Designation

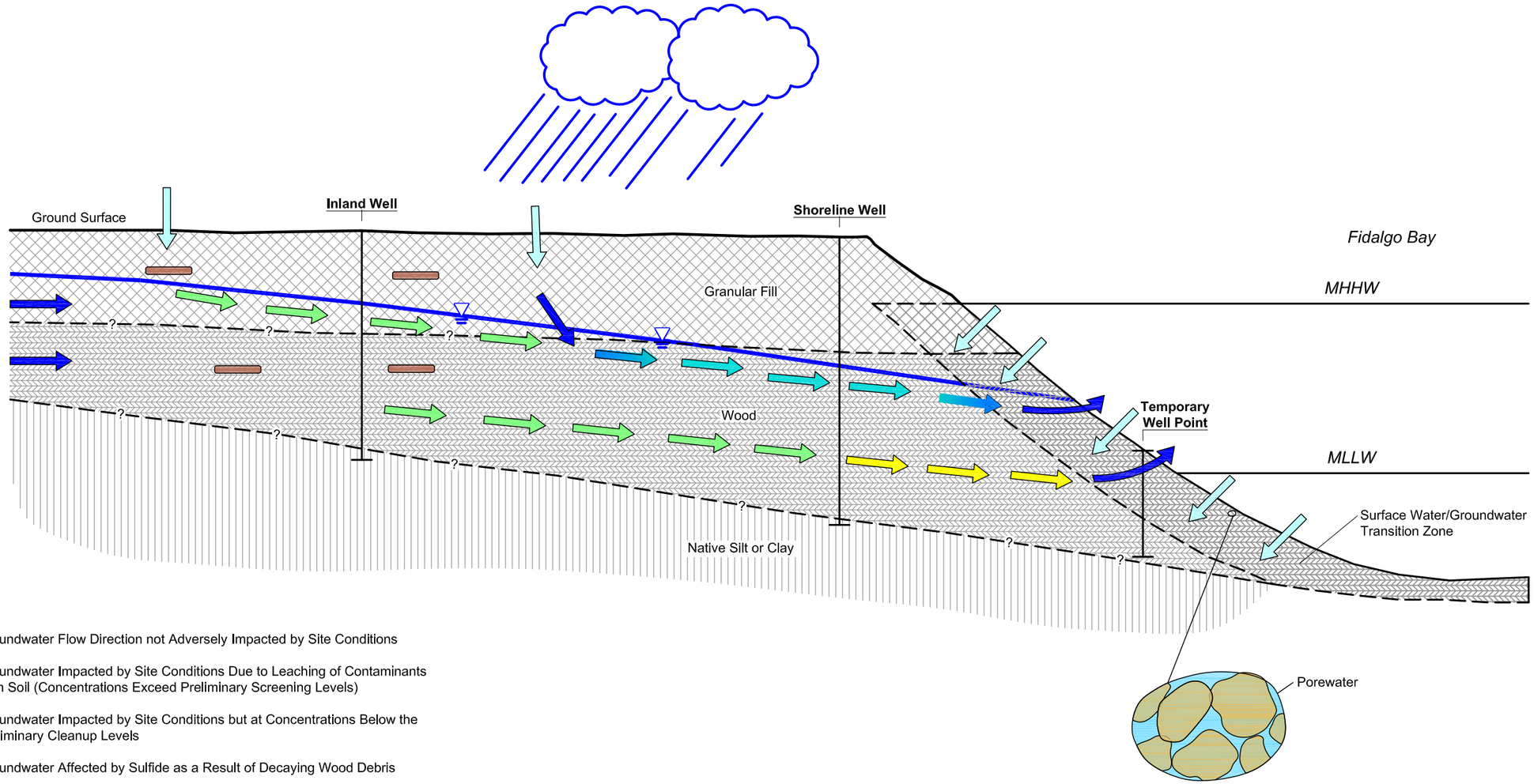
Site Plan

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-2

W:\SEATTLE\PROJECTS\5\5147007\02\CAD\RI-CURRENT FIGURES\5147007702F2.DWG\TAB:F2 MODIFIED BY LKNOWLTON ON APR 02, 2008 - 11:49



Legend

- Groundwater Flow Direction not Adversely Impacted by Site Conditions
- Groundwater Impacted by Site Conditions Due to Leaching of Contaminants from Soil (Concentrations Exceed Preliminary Screening Levels)
- Groundwater Impacted by Site Conditions but at Concentrations Below the Preliminary Cleanup Levels
- Groundwater Affected by Sulfide as a Result of Decaying Wood Debris
- Surface Water Infiltration
- Localized Soil Interval with Contaminant (Arsenic, Lead, cPAHs, TPH, Dioxin/Furan) Concentrations Exceeding Preliminary Screening Levels
- Groundwater Table

Not to Scale

Reference Information

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.
2. The locations of all features shown are approximate.
3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Source: AutoCAD figure provided by Landau Associates, dated September 2006.

Conceptual Site Model

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-3

W:\SEATTLE\PROJECTS\5\5I4700702\CAD\RI-CURRENT FIGURES\5I4700702F42.DWG\TAB:F42 MODIFIED BY LKNOWLTON ON MAR 31, 2008 - 14:04



Legend

- Soil Boring Location (Pre 2004)
- Test Pit Location (Pre 2004)
- Surface Soil Sample Location (2005)
- Uplands Area RI Soil Boring Location (2004)
- Uplands Area RI Monitoring Well Location (2004)
- Sample Location Identification, Constituent, Depth, and Concentration that Exceeds Preliminary Cleanup Level

Color Coding for Locations Sampled Within Designated Depth Interval:

- = Location Does Not Exceed PCLs
- = Location Exceeds MTCA TE Criteria Only
- = Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE Criteria > HH Criteria)

NS = Not Sampled
NE = No Exceedance
PCLs = Preliminary Cleanup Levels
TE = Terrestrial Ecological
HH = Human Health

Notes

1. All concentrations in mg/kg.
2. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.

Reference Information

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Source: AutoCAD drawing entitled "ES-4, Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (0-2 ft BGS)", dated 9/18/2006, provided by Landau Associates. Base map source: Port of Anacortes, June 2004.

N W E S

0 120 240

Scale in Feet

Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (0-2 ft BGS)

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-4

W:\SEATTLE\PROJECTS\5\5I4700702\CAD\RI-CURRENT FIGURES\5I4700702FI3.DWG\TAB:FI3 MODIFIED BY LKNOWLTON ON APR 07, 2008 - 13:34



Legend

- Soil Boring Location (Pre 2004)
- Test Pit Location (Pre 2004)
- Uplands Area RI Soil Boring Location (2004)
- Uplands Area RI Monitoring Well Location (2004)
- B-8 / Lead 540 — Sample Location Identification, Constituent, and Concentration that Exceeds Preliminary Cleanup Level

Color Coding for Locations Sampled Within Designated Depth Interval:

- = Location Does Not Exceed PCLs
- = Location Exceeds MTCA TE Criteria Only
- = Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE Criteria > HH Criteria)

NS = Not Sampled
D/F = Total Dioxins/Furans - Human Health
Dm = Total Dioxins - Mammals
Fb = Total Furans - Birds
PCLs = Preliminary Cleanup Levels
TE = Terrestrial Ecological
HH = Human Health

Notes

1. All concentrations in mg/kg except cPAHs and dioxins/furans.
2. cPAH concentrations in µg/kg TEQ.
3. Dioxin/furan concentrations in ng/kg TEQ.
4. At locations with ecological dioxin/furan exceedances, only the highest receptor-specific TEQ value (mammals or birds) is shown.
5. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.

Reference Information

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Source: AutoCAD drawing entitled "ES-5, Port Uplands Area Preliminary Soil Cleanup and Remediation Level Exceedance Locations (2-6 ft BGS)", dated 9/18/2006, provided by Landau Associates. Base map source: Port of Anacortes, June 2004.

N W E S

0 120 240

Scale in Feet

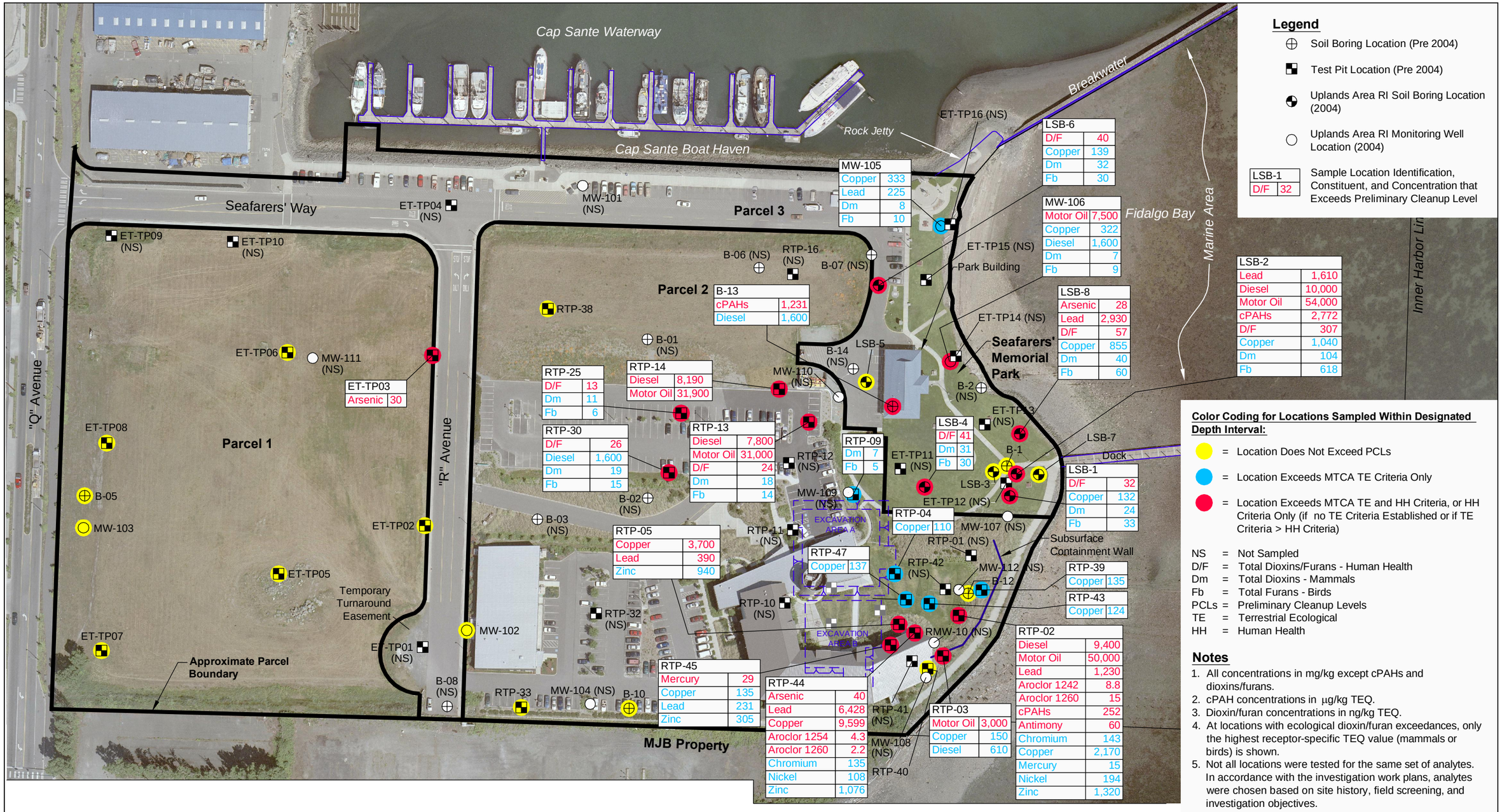
Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (2-6 ft BGS)

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-5

W:\Seattle\Projects\5\5IJ47007\02\CAD\RI-Current Figures\5IJ47007702FI4.dwg\TAB:FI4 modified by lknowlton on Apr 03, 2008 - 16:43



Legend

- Soil Boring Location (Pre 2004)
- Test Pit Location (Pre 2004)
- Uplands Area RI Soil Boring Location (2004)
- Uplands Area RI Monitoring Well Location (2004)
- LSB-1 / D/F 32 — Sample Location Identification, Constituent, and Concentration that Exceeds Preliminary Cleanup Level

Color Coding for Locations Sampled Within Designated Depth Interval:

- = Location Does Not Exceed PCLs
- = Location Exceeds MTCA TE Criteria Only
- = Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE Criteria > HH Criteria)

NS = Not Sampled
D/F = Total Dioxins/Furans - Human Health
Dm = Total Dioxins - Mammals
Fb = Total Furans - Birds
PCLs = Preliminary Cleanup Levels
TE = Terrestrial Ecological
HH = Human Health

Notes

1. All concentrations in mg/kg except cPAHs and dioxins/furans.
2. cPAH concentrations in µg/kg TEQ.
3. Dioxin/furan concentrations in ng/kg TEQ.
4. At locations with ecological dioxin/furan exceedances, only the highest receptor-specific TEQ value (mammals or birds) is shown.
5. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.

Reference Information

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Source: AutoCAD drawing entitled "ES-6, Port Uplands Area Preliminary Soil Cleanup and Remediation Level Exceedance Locations (6-10 ft BGS)", dated 9/18/2006, provided by Landau Associates. Base map source: Port of Anacortes, June 2004.

Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (6-10 ft BGS)

Scott Paper Mill
Anacortes, Washington

GeoEngineers — Figure ES-6

W:\SEATTLE\PROJECTS\15\14700702\02\CAD\RI-CURRENT FIGURES\15I4700702FI5.DWG\TAB:FI5 MODIFIED BY LKNOWLTON ON APR 03, 2008 - 16:58



Legend

- Soil Boring Location (Pre 2004)
- Test Pit Location (Pre 2004)
- Uplands Area RI Soil Boring Location (2004)
- Uplands Area RI Monitoring Well Location (2004)
- LSB-4 D/F 15 — Sample Location Identification, Constituent, and Concentration that Exceeds Preliminary Cleanup Level

Color Coding for Locations Sampled Within Designated Depth Interval:

- = Location Does Not Exceed PCLs
- = Location Exceeds MTCA TE Criteria Only
- = Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE Criteria > HH Criteria)

NS = Not Sampled
D/F = Total Dioxins/Furans - Human Health
Dm = Total Dioxins - Mammals
Fb = Total Furans - Birds
PCLs = Preliminary Cleanup Levels
TE = Terrestrial Ecological
HH = Human Health

Notes

1. All concentrations in mg/kg except cPAHs and dioxins/furans.
2. cPAH concentrations in µg/kg TEQ.
3. Dioxin/furan concentrations in ng/kg TEQ.
4. At locations with ecological dioxin/furan exceedances, only the highest receptor-specific TEQ value (mammals or birds) is shown.
5. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.

Reference Information

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Source: AutoCAD drawing entitled "ES-7, Port Uplands Area Preliminary Soil Cleanup and Remediation Level Exceedance Locations (10-15 ft BGS)", dated 9/18/2006, provided by Landau Associates. Base map source: Port of Anacortes, June 2004.

N W E S

0 120 240

Scale in Feet

Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (10-15 ft BGS)

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure ES-7

W:\Seattle\Projects\5\15\47007\02\CAD\RI-Current Figures\5\47007702FI6.dwg\TAB:FI6 modified by lknowlton on Apr 07, 2008 - 8:41



EXPLANATION

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Shore Line (approximate)
- Property Line
- Parcel Line
- Fence Line
- Proposed Security Fence
- Parking or Tree Area

Color Coding for Locations Sampled Within Designated Depth Interval:

- Location Does Not Exceed PCLs (4 or More Constituents analyzed)
- Location Exceeds MTCA TE Criteria Only
- Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE > HH Criteria)

Notes:

1. Soil Samples not highlighted were below PCL's and fewer than 4 constituent analytes.
2. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.
3. Results shown in mg/kg.
4. Aerial photograph from City of Anacortes (2003)

N

0 60 120

APPROXIMATE SCALE IN FEET

PRELIMINARY SOIL CLEANUP LEVEL EXCEEDANCE LOCATIONS (0-2 ft BGS) MJB North Area Anacortes, Washington

By: APS	Date: 03/14/08	Project No. 10131
Geomatrix	Figure	ES-8

Plot Date: 03/14/08 - 4:33pm, Plotted by: astenberg
Drawing Path: S:\10131\002_RI\, Drawing Name: MJB Uplands Prelim Soil Cleanup Fig 1.dwg



EXPLANATION

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Shore Line (approximate)
- Property Line
- Parcel Line
- Fence Line
- Proposed Security Fence
- Parking or Tree Area

Color Coding for Locations Sampled Within Designated Depth Interval:

- Location Does Not Exceed PCLs (4 or More Constituents analyzed)
- Location Exceeds MTCA TE Criteria Only
- Location Exceeds MTCA TE and HH Criteria, or HH Criteria Only (if no TE Criteria Established or if TE > HH Criteria)

Notes:

1. Soil Samples not highlighted were below PCL's and fewer than 4 constituent analytes.
2. Not all locations were tested for the same set of analytes. In accordance with the investigation work plans, analytes were chosen based on site history, field screening, and investigation objectives.
3. Results shown in mg/kg.
4. Aerial photograph from City of Anacortes (2003)

N

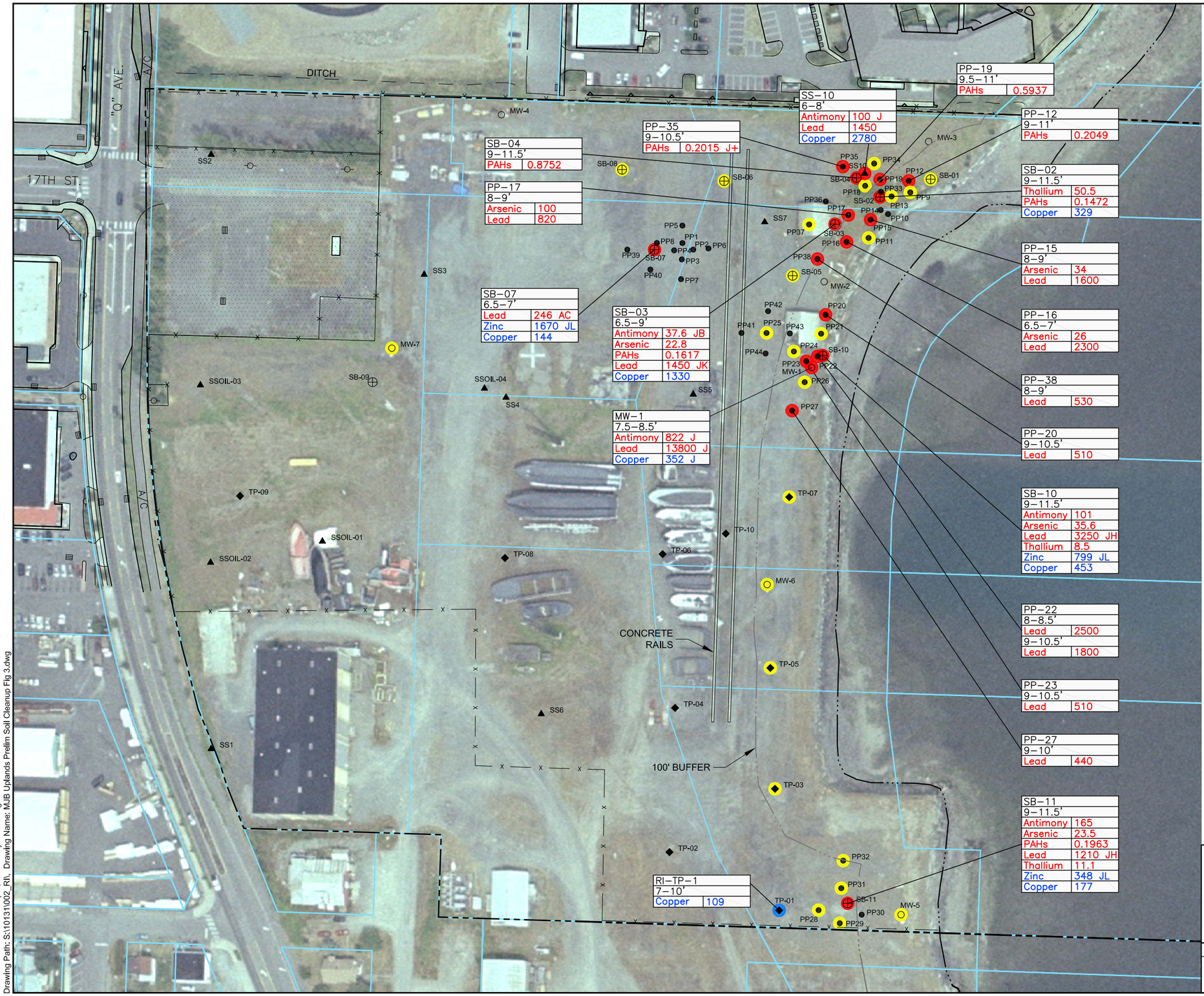
0 60 120

APPROXIMATE SCALE IN FEET

PRELIMINARY SOIL CLEANUP LEVEL EXCEEDANCE LOCATIONS (2-6 ft BGS) MJB North Area Anacortes, Washington

By: APS	Date: 03/14/08	Project No. 10131
Geomatrix		Figure **ES-9**

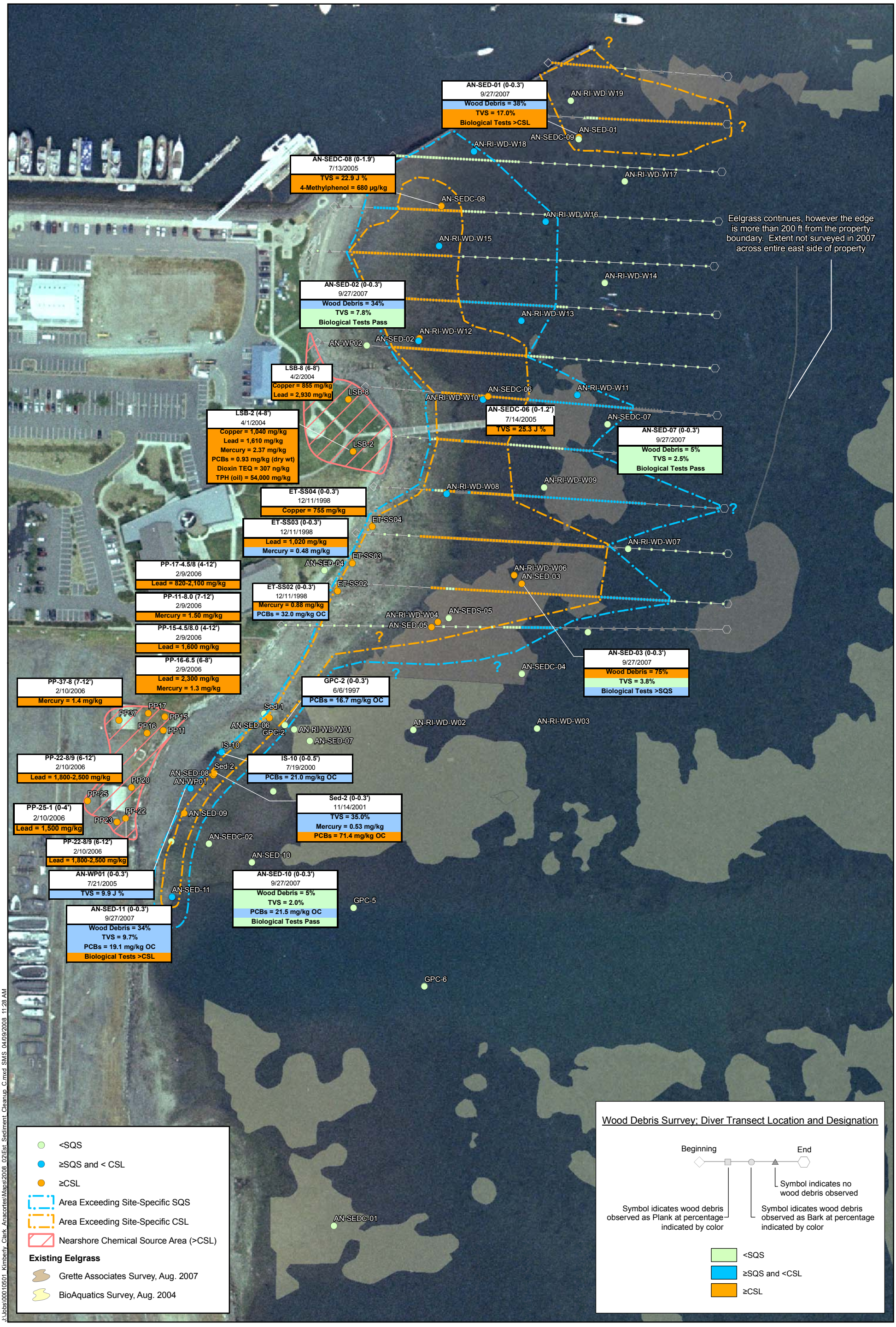
Plot Date: 03/14/08 - 4:35pm, Plotted by: astenberg
Drawing Path: S:\10131\002_RI\, Drawing Name: MJB Uplands Prelim Soil Cleanup Fig 2.dwg



Plot Date: 03/14/08 - 4:43pm, Plotted by: astenberg
Drawing Path: S:\10131\002_RI\, Drawing Name: MJB Uplands Prelim Soil Cleanup Fig 3.dwg

PRELIMINARY SOIL CLEANUP LEVEL EXCEEDANCE LOCATIONS
(6-15 ft BGS)
MJB North Area
Anacortes, Washington

By: APS	Date: 03/14/08	Project No. 10131
Geomatrix		Figure **ES-10**



ANCHOR ENVIRONMENTAL, L.L.C.

0 150
Scale in Feet

N

Figure ES-11
Areal Extent of SQS and CSL Exceedances, Marine Area