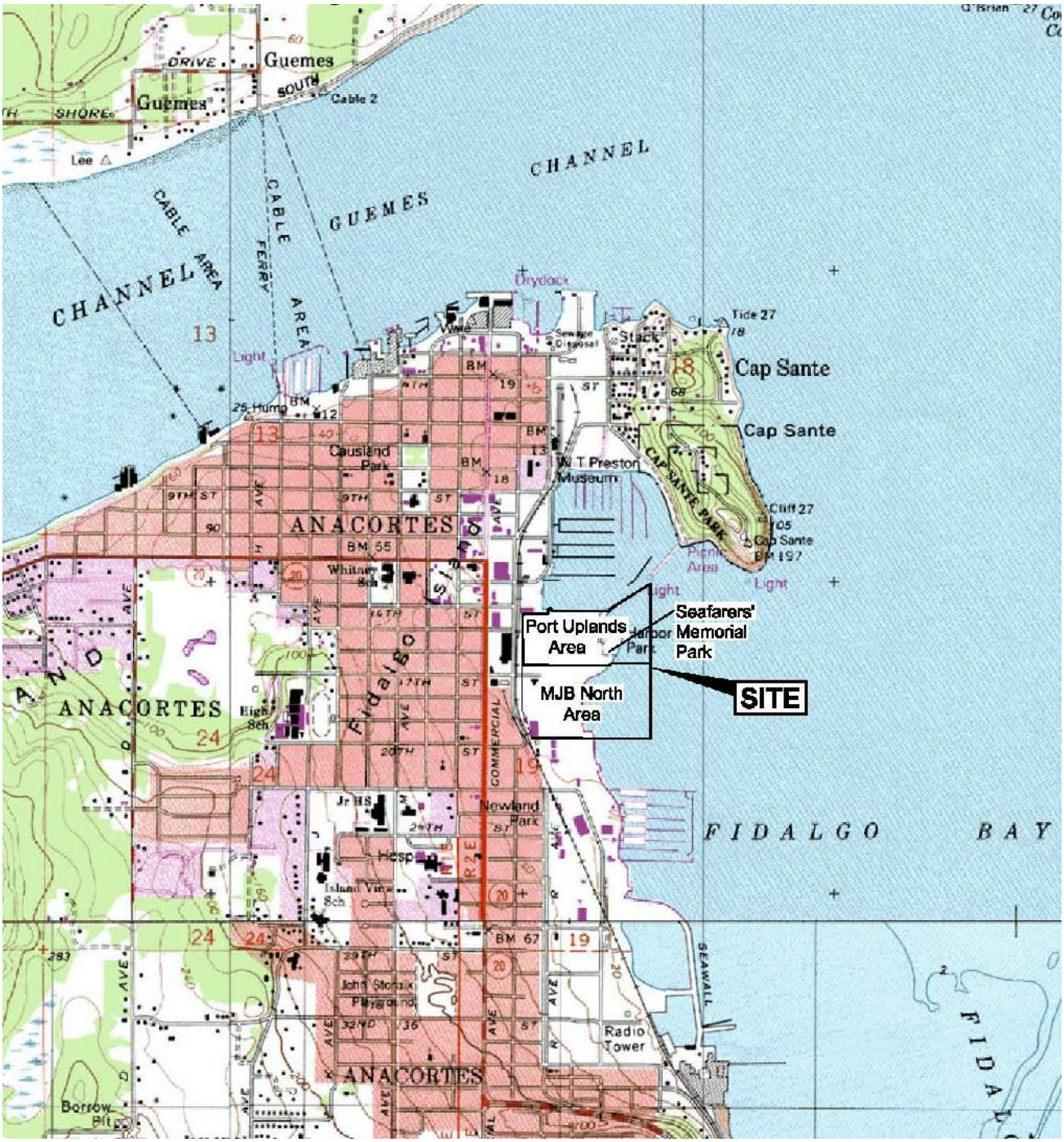

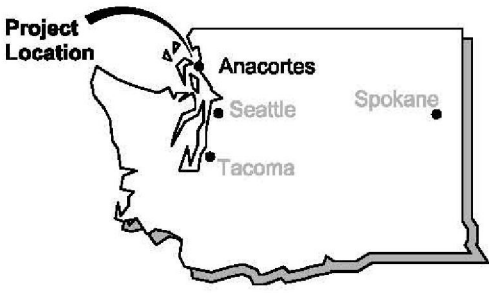

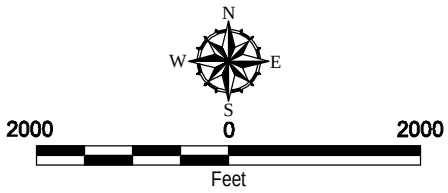

Source: PDF of Figure 1, Vicinity Map, provided by Landau Associates, dated 10/05/06.

Vicinity Map

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 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 2

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



Reference Information

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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.

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

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 3

W:\SEATTLE\PROJECTS\15\5\4700\02\CAD\FS-CURRENT FIGURES\FS-3.DWG\TAB:F3 MODIFIED BY LKNOWLTON ON APR 08, 2008 - 15:07



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

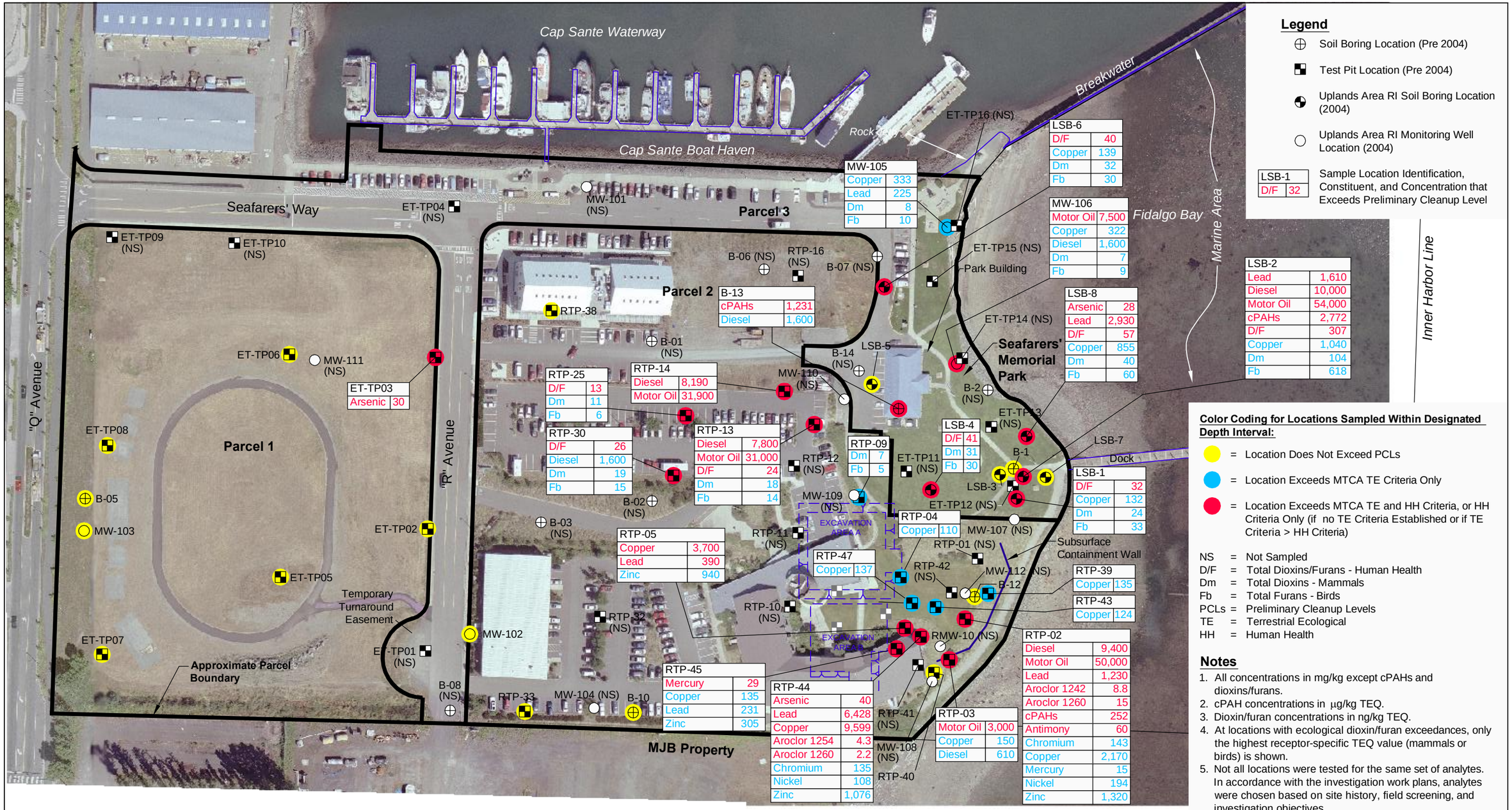
Port Uplands Area Preliminary Soil Cleanup Level Exceedance Locations (2-6 ft BGS)

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 4

W:\SEATTLE\PROJECTS\15\14700702\CAD\FS-CURRENT FIGURES\FS-4.DWG\TAB:F4 MODIFIED BY LKNOWLTON ON APR 08, 2008 - 15:15



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.

N W E S

0 120 240

Scale in Feet

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

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 5

W:\SEATTLE\PROJECTS\15\14\7007\02\CAD\FS-CURRENT FIGURES\FS-5.DWG\TAB:F5 MODIFIED BY LKNOWLTON ON APR 08, 2008 - 15:23



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)
- 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 6

W:\Seattle\Projects\15\14\7007\02\CAD\FS-Current Figures\FS-6.dwg\TAB:F6 Modified by lknowlton on Apr 08, 2008 - 15:29



MW–4	
0–0.5'	
Copper	166
Zinc	616

SB–08	
0–0.5'	
Zinc	377 JL

SS3	
0–0.5'	
Arsenic	51
Copper	153
Nickel	117
Zinc	276

SB–06	
0–0.5'	
Copper	147
Zinc	537 JL

SB–07	
0–0.5'	
Arsenic	36.7
Copper	171
Zinc	552 JL

PP–25	
1–1.5'	
Lead	1500

SS5	
0–0.5'	
Arsenic	35
Copper	136
Zinc	363

RI–SSOIL–3	
0.25–0.5'	
Copper	114
Zinc	304

SB–09	
0–0.5'	
Arsenic	142
Copper	357
Zinc	1350 JL

MW–7	
0–0.5'	
Arsenic	21
Copper	107

RI–SSOIL–2	
0.25–0.5'	
Copper	128

SB–01	
0–0.5'	
Arsenic	35.7
Copper	219
Zinc	520

SB–04	
0–0.5'	
Arsenic	29.8
PAHs	0.9114
Chromium	309
Copper	159
Nickel	218 JK
Zinc	942 JL

SB–02	
0–0.5'	
Zinc	782

SB–03	
0–0.5'	
Zinc	334

SB–05	
0–0.5'	
Copper	674
Zinc	964 JL

SB–10	
0–0.5'	
Copper	123
Zinc	434 JL

SB–11	
0–0.5'	
Arsenic	58.3
Copper	148
Zinc	692 JL

MW–5	
0–1'	
Arsenic	21
Copper	477
Zinc	568 J

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 7

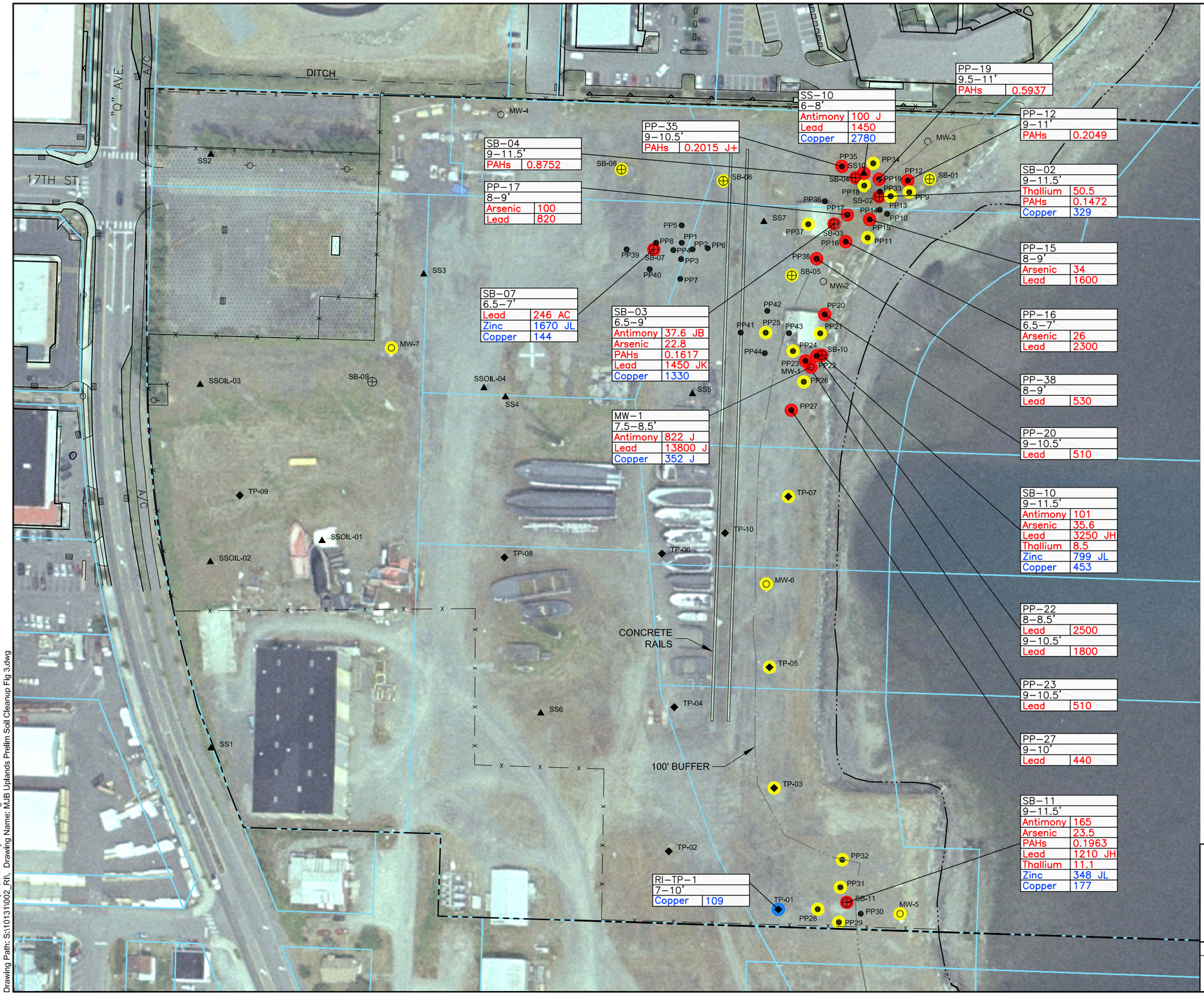
Plot Date: 03/14/08 - 4:33pm, Plotted by: astenberg
Drawing Path: S:\10131\002_RI\, Drawing Name: MJB Uplands Prelim Soil Cleanup Fig 1.dwg



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	8

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



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

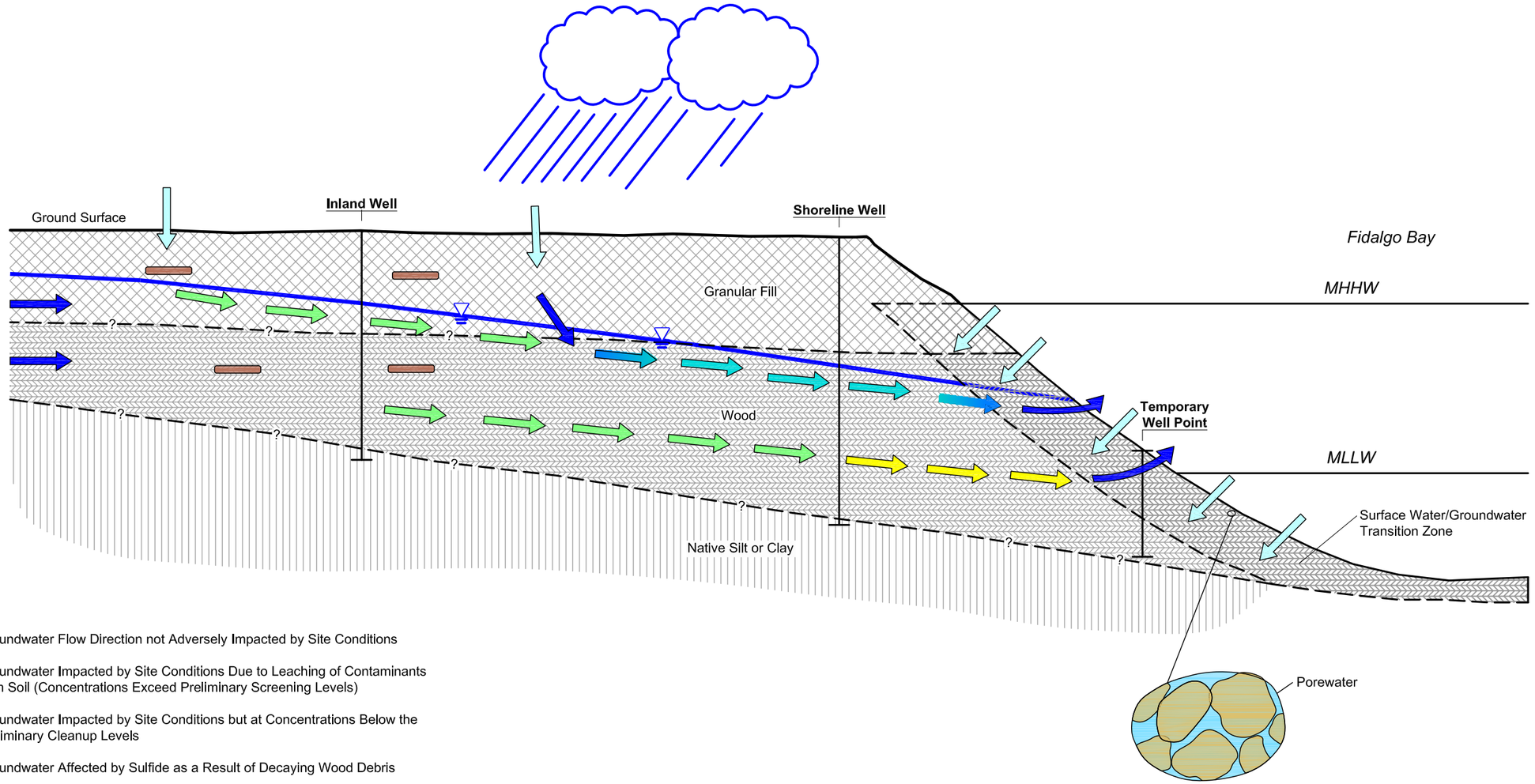
0 60 120

APPROXIMATE SCALE IN FEET

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

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

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



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

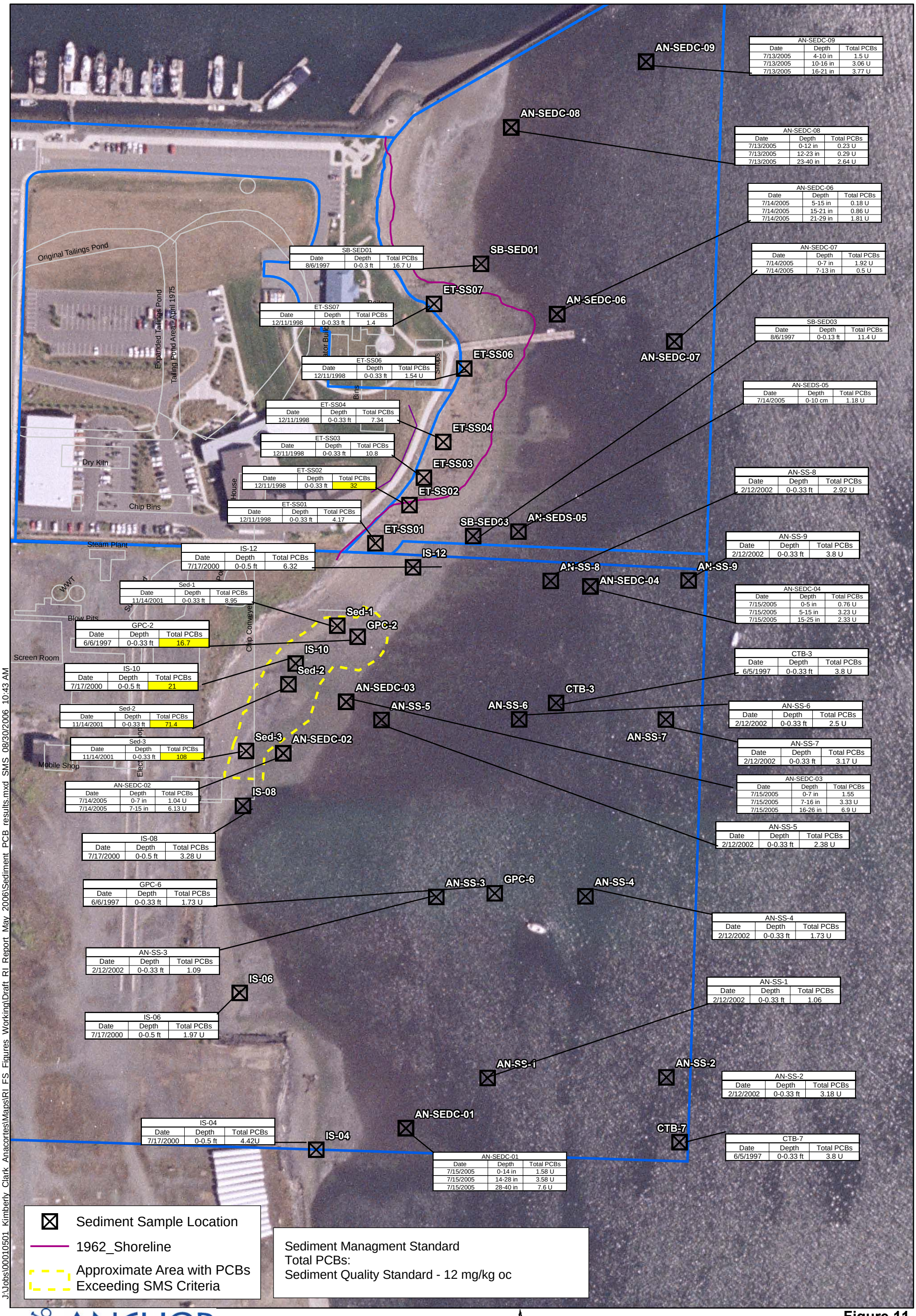
Conceptual Site Model

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 10

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



AN-SEDC-09		
Date	Depth	Total PCBs
7/13/2005	4-10 in	1.5 U
7/13/2005	10-16 in	3.06 U
7/13/2005	16-21 in	3.77 U

AN-SEDC-08		
Date	Depth	Total PCBs
7/13/2005	0-12 in	0.23 U
7/13/2005	12-23 in	0.29 U
7/13/2005	23-40 in	2.64 U

AN-SEDC-06		
Date	Depth	Total PCBs
7/14/2005	5-15 in	0.18 U
7/14/2005	15-21 in	0.86 U
7/14/2005	21-29 in	1.81 U

SB-SED01		
Date	Depth	Total PCBs
8/6/1997	0-0.3 ft	16.7 U

AN-SEDC-07		
Date	Depth	Total PCBs
7/14/2005	0-7 in	1.92 U
7/14/2005	7-13 in	0.5 U

ET-SS07		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	1.4

SB-SED03		
Date	Depth	Total PCBs
8/6/1997	0-0.13 ft	11.4 U

ET-SS06		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	1.54 U

AN-SEDS-05		
Date	Depth	Total PCBs
7/14/2005	0-10 cm	1.18 U

ET-SS04		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	7.34

ET-SS03		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	10.8

ET-SS02		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	32

AN-SS-8		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	2.92 U

ET-SS01		
Date	Depth	Total PCBs
12/11/1998	0-0.33 ft	4.17

AN-SS-9		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	3.8 U

IS-12		
Date	Depth	Total PCBs
7/17/2000	0-0.5 ft	6.32

AN-SEDC-04		
Date	Depth	Total PCBs
7/15/2005	0-5 in	0.76 U
7/15/2005	5-15 in	3.23 U
7/15/2005	15-25 in	2.33 U

Sed-1		
Date	Depth	Total PCBs
11/14/2001	0-0.33 ft	8.95

GPC-2		
Date	Depth	Total PCBs
6/6/1997	0-0.33 ft	16.7

CTB-3		
Date	Depth	Total PCBs
6/5/1997	0-0.33 ft	3.8 U

IS-10		
Date	Depth	Total PCBs
7/17/2000	0-0.5 ft	21

Sed-2		
Date	Depth	Total PCBs
11/14/2001	0-0.33 ft	71.4

AN-SS-6		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	2.5 U

Sed-3		
Date	Depth	Total PCBs
11/14/2001	0-0.33 ft	108

AN-SS-7		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	3.17 U

AN-SEDC-03		
Date	Depth	Total PCBs
7/15/2005	0-7 in	1.55
7/15/2005	7-16 in	3.33 U
7/15/2005	16-26 in	6.9 U

AN-SEDC-02		
Date	Depth	Total PCBs
7/14/2005	0-7 in	1.04 U
7/14/2005	7-15 in	6.13 U

AN-SS-5		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	2.38 U

IS-08		
Date	Depth	Total PCBs
7/17/2000	0-0.5 ft	3.28 U

GPC-6		
Date	Depth	Total PCBs
6/6/1997	0-0.33 ft	1.73 U

AN-SS-4		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	1.73 U

AN-SS-3		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	1.09

AN-SS-1		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	1.06

IS-06		
Date	Depth	Total PCBs
7/17/2000	0-0.5 ft	1.97 U

AN-SS-2		
Date	Depth	Total PCBs
2/12/2002	0-0.33 ft	3.18 U

IS-04		
Date	Depth	Total PCBs
7/17/2000	0-0.5 ft	4.42U

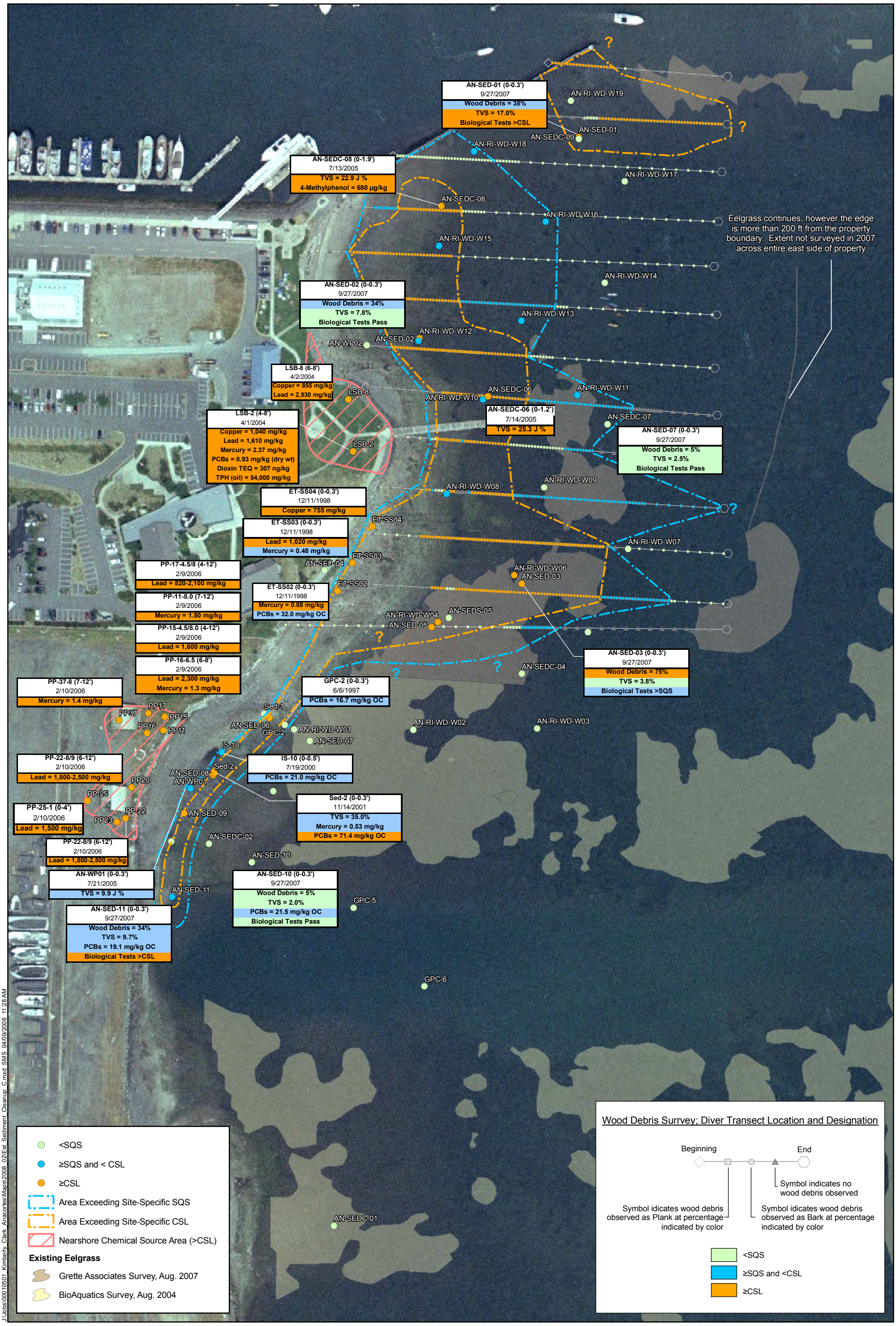
AN-SEDC-01		
Date	Depth	Total PCBs
7/15/2005	0-14 in	1.58 U
7/15/2005	14-28 in	3.58 U
7/15/2005	28-40 in	7.6 U

CTB-7		
Date	Depth	Total PCBs
6/5/1997	0-0.33 ft	3.8 U

J:\Jobs\00010501 Kimberly Clark Anacortes\Maps\RI FS Figures Working\Draft RI Report May 2006\Sediment PCB results.mxd SMS 08/30/2006 10:43 AM

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 11
Summary of Total PCB Concentrations in Sediment
Marine Area
Former Scott Paper Mill



ANCHOR ENVIRONMENTAL, L.L.C.

0 150
Scale in Feet

N

Figure 12
Areal Extent of SQS and CSL Exceedances, Marine Area



SOURCE: Bathymetry shown is from survey provided by David Evans and Associates dated April 16, 2004.

AN-RI-SEDC-02 ⊙ Sediment Core Location and Designation

AN-RI-TP-07 ◪ Testpit Location and Designation

MW-1 ◔ Boring Location and Designation

AN-RI-WP-01 ⊕ Well Point Location and Designation

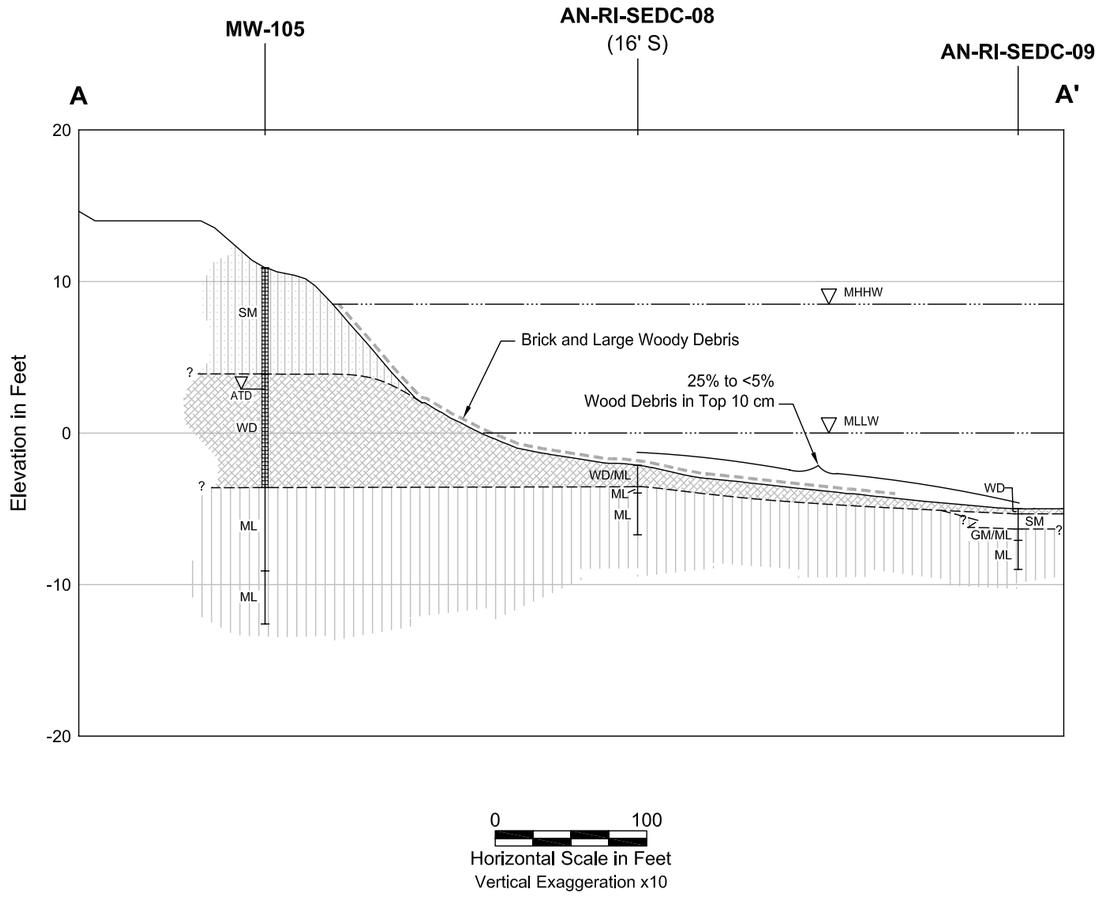
A-A' Cross Section Location and Designation

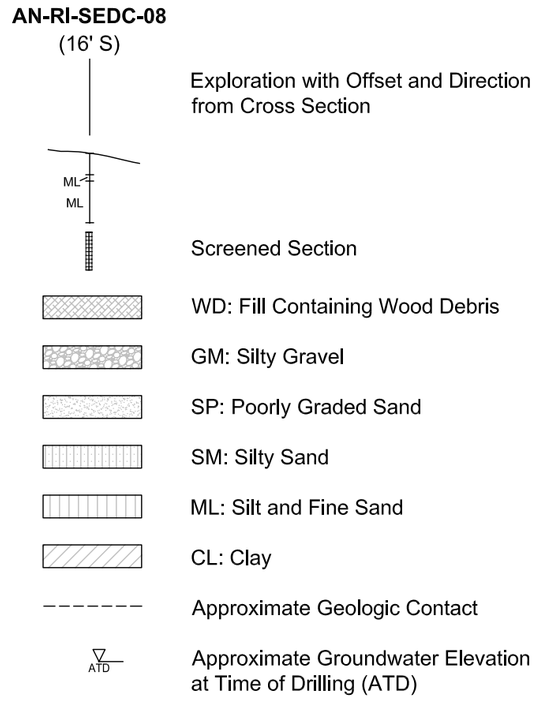
0 200
Scale in Feet

Figure 13
Geologic Cross Sections
MJB North Area and Site-Wide Marine Area
Former Scott Paper Mill

ANCHOR ENVIRONMENTAL, L.L.C.

K:\Jobs\000105-Kimberly Clark\000105-01\000105-35.dwg FIG 35
Jul 27, 2006 11:30am aroark

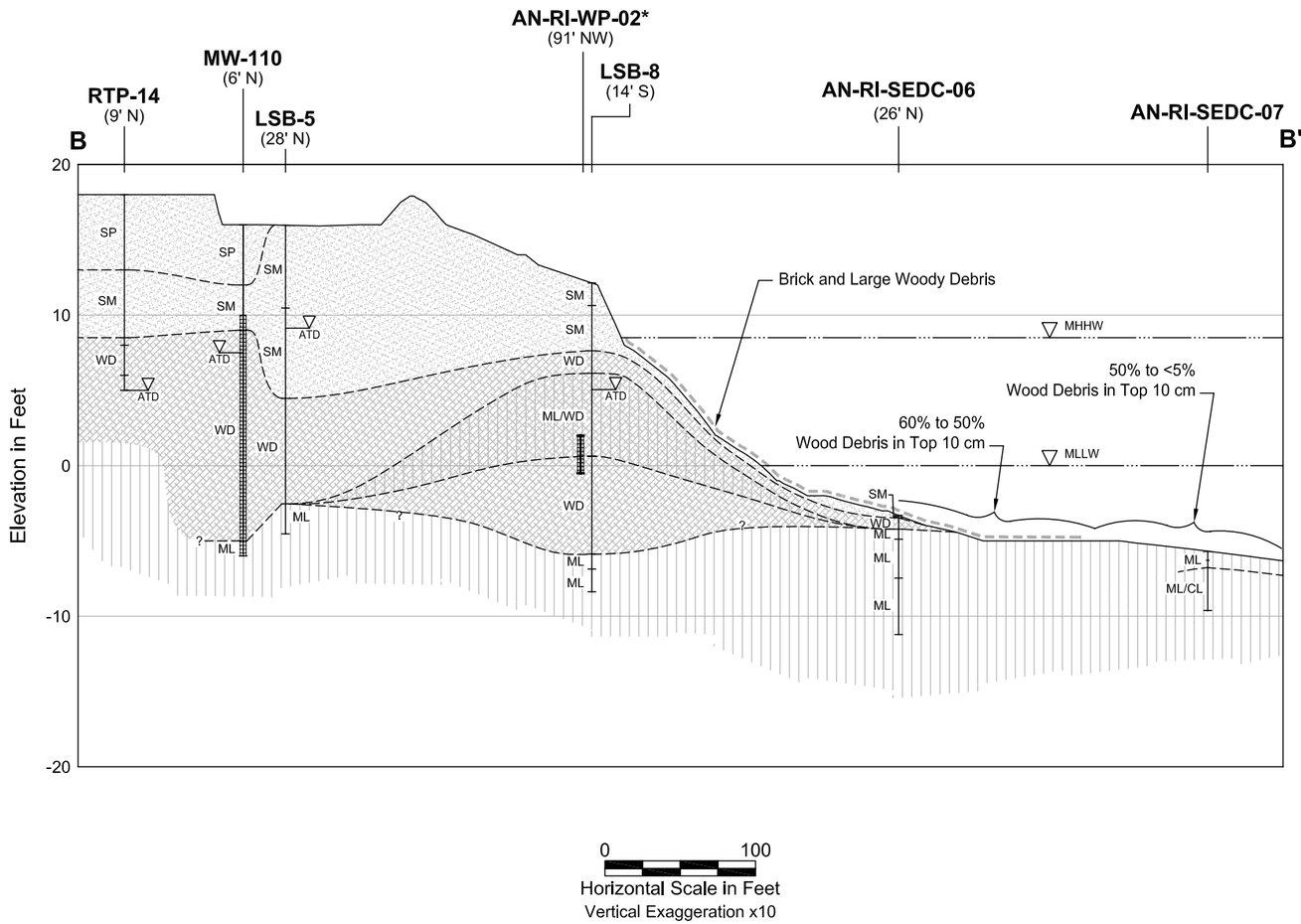




Jul 27, 2006 11:31am cdavidson K:\Jobs\000105-Kimberly Clark\000105-01\00010501-36.dwg FIG 36

ANCHOR ENVIRONMENTAL, L.L.C.

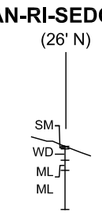
Figure 14
Cross Sections A-A'
Former Scott Paper Mill



0 100

Horizontal Scale in Feet

Vertical Exaggeration x10



Exploration with Offset and Direction from Cross Section

Screened Section

WD: Fill Containing Wood Debris

ML/WD: Silt and Fine Sand/Fill Containing Wood Debris

GM: Silty Gravel

SP: Poorly Graded Sand

SM: Silty Sand

ML: Silt and Fine Sand

CL: Clay

Approximate Geologic Contact

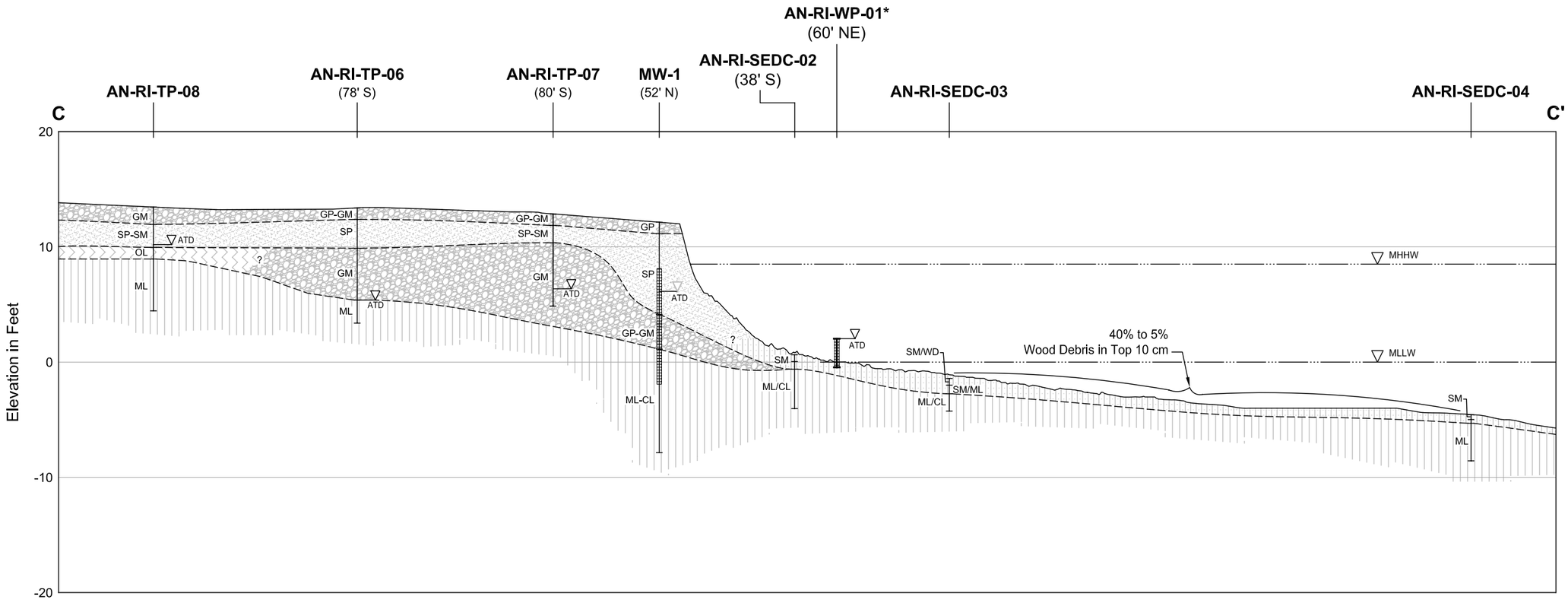
ATD — Approximate Groundwater Elevation at Time of Drilling (ATD)

* AN-RI-WP-02 Depicted at approximate elevation. Offset is to the NW, see Figure 1 for confirmed location.

Jul 27, 2006 11:31am cdavidson K:□Jobs□000105-Kimberly Clark□000105-01□00010501-36.dwg FIG 37

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 15
Cross Sections B-B'
Former Scott Paper Mill



AN-RI-SEDC-02
(38' S)

SM
SM
ML/CL

Exploration with Offset and Direction from Cross Section

Screened Section

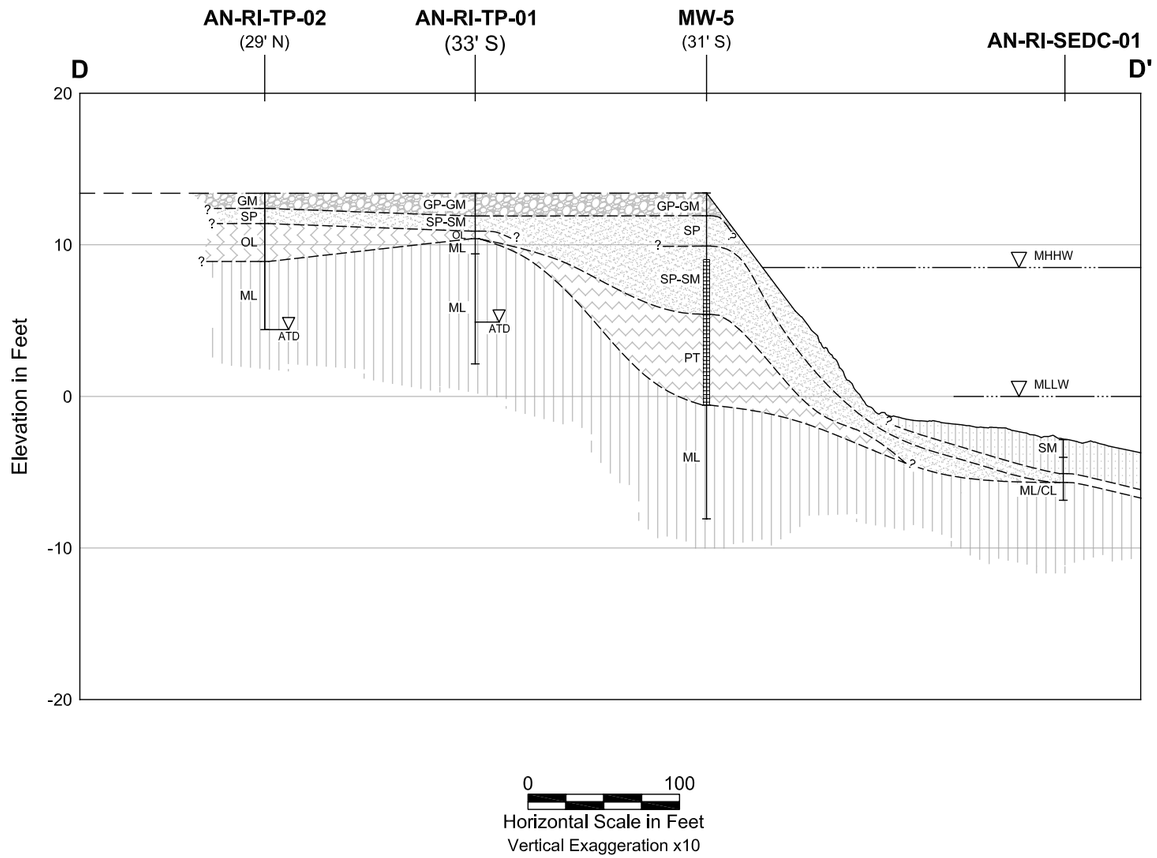
- WD: Fill Containing Wood Debris
- GM: Silty Gravel
- SP: Poorly Graded Sand
- SM: Silty Sand
- OL: Organic SIlt
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- ATD — Approximate Groundwater Elevation at Time of Drilling (ATD)

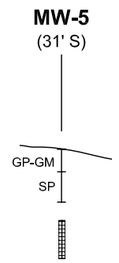
* AN-RI-WP-01 Depicted at approximate elevation. Offset is to the NE, see Figure 1 for confirmed location.

Jul 27, 2006 11:34am cdavidson K:\Jobs\000105-Kimberly Clark\000105-01\00010501-36.dwg FIG 38

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 16
Cross Sections C-C'
Former Scott Paper Mill





Exploration with Offset and Direction from Cross Section

Screened Section

WD: Fill Containing Wood Debris

GM: Silty Gravel

SP: Poorly Graded Sand

SM: Silty Sand

ML: Silt and Fine Sand

CL: Clay

OL: Organic SIlt

PT: Peat

Approximate Geologic Contact

Approximate Groundwater Elevation at Time of Drilling (ATD)

Jul 27, 2006 11:35am cdavidson K:\Jobs\000105-Kimberly Clark\000105-01\00010501-36.dwg FIG 39

ANCHOR ENVIRONMENTAL, L.L.C.

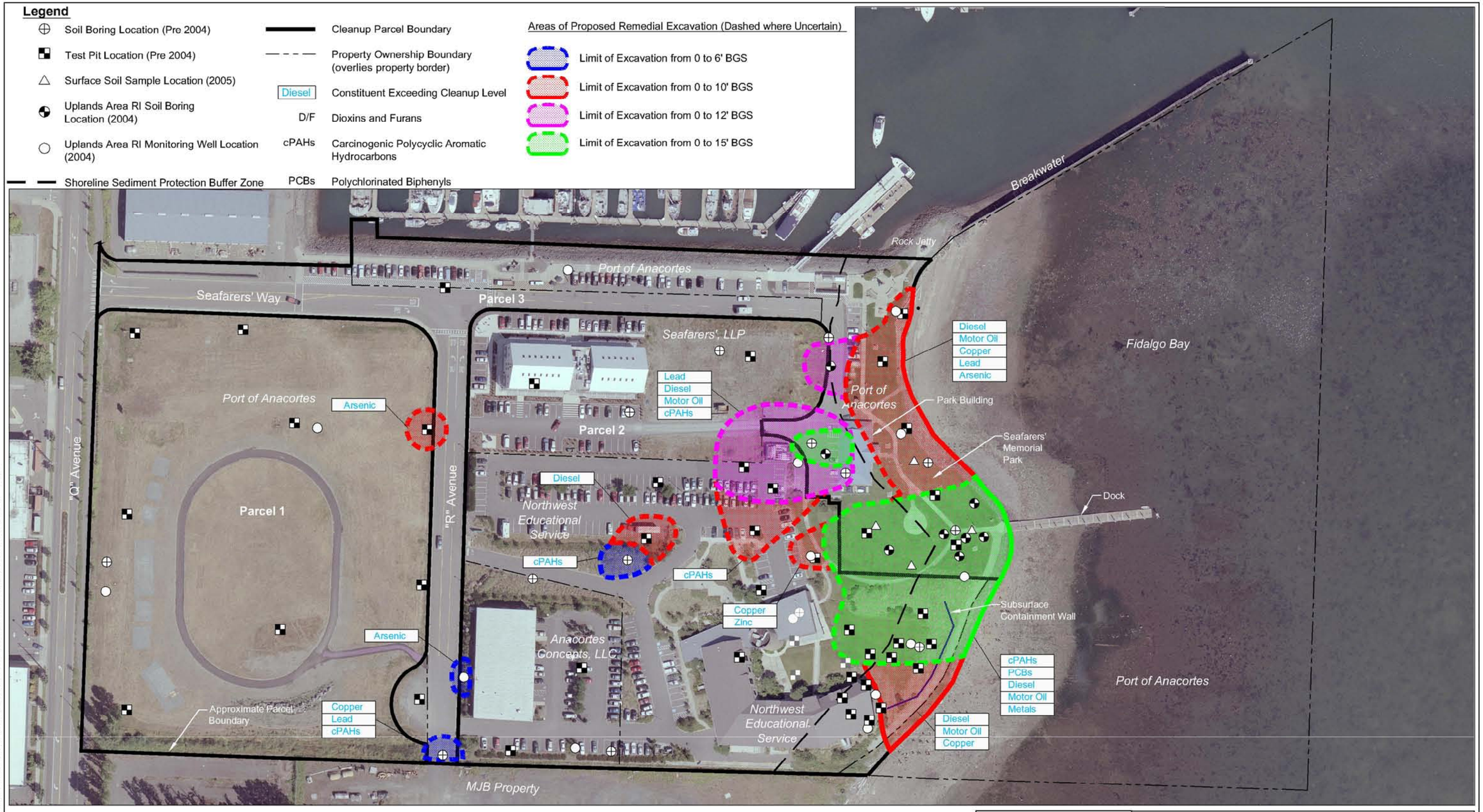
Figure 17
Cross Sections D-D'
Former Scott Paper Mill

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)
- Shoreline Sediment Protection Buffer Zone
- Cleanup Parcel Boundary
- Property Ownership Boundary (overlies property border)
- Diesel — Constituent Exceeding Cleanup Level
- D/F — Dioxins and Furans
- cPAHs — Carcinogenic Polycyclic Aromatic Hydrocarbons
- PCBs — Polychlorinated Biphenyls

Areas of Proposed Remedial Excavation (Dashed where Uncertain)

- Limit of Excavation from 0 to 6' BGS
- Limit of Excavation from 0 to 10' BGS
- Limit of Excavation from 0 to 12' BGS
- Limit of Excavation from 0 to 15' BGS



Notes

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.

Reference: 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, 2007.

N W E S

0 130 260

Scale in Feet

Alternative PUA-1

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 18

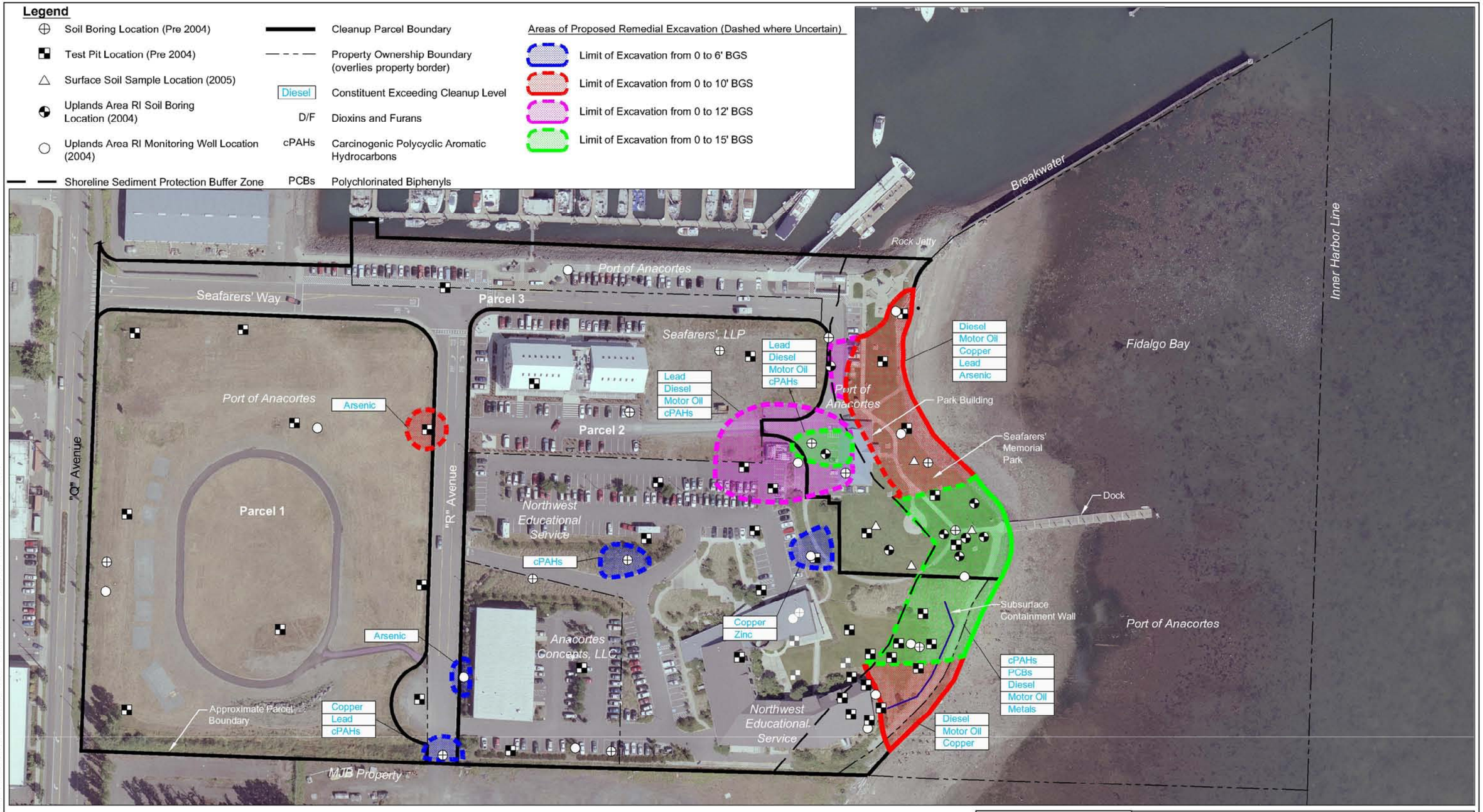
C:\DOCUMENTS AND SETTINGS\GGLADDEN\DESKTOP\SEA\FS-18.DWG\TAB:FS-18 MODIFIED BY GGLADDEN ON AUG 13, 2008 - 16:28

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)
- Shoreline Sediment Protection Buffer Zone
- Cleanup Parcel Boundary
- Property Ownership Boundary (overlies property border)
- Diesel — Constituent Exceeding Cleanup Level
- D/F — Dioxins and Furans
- cPAHs — Carcinogenic Polycyclic Aromatic Hydrocarbons
- PCBs — Polychlorinated Biphenyls

Areas of Proposed Remedial Excavation (Dashed where Uncertain)

- Limit of Excavation from 0 to 6' BGS
- Limit of Excavation from 0 to 10' BGS
- Limit of Excavation from 0 to 12' BGS
- Limit of Excavation from 0 to 15' BGS



Notes

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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.

Reference: 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, 2007.

N W E S

0 130 260

Scale in Feet

PORT OF ANACORTES Est. 1926

Alternative PUA-2

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 19

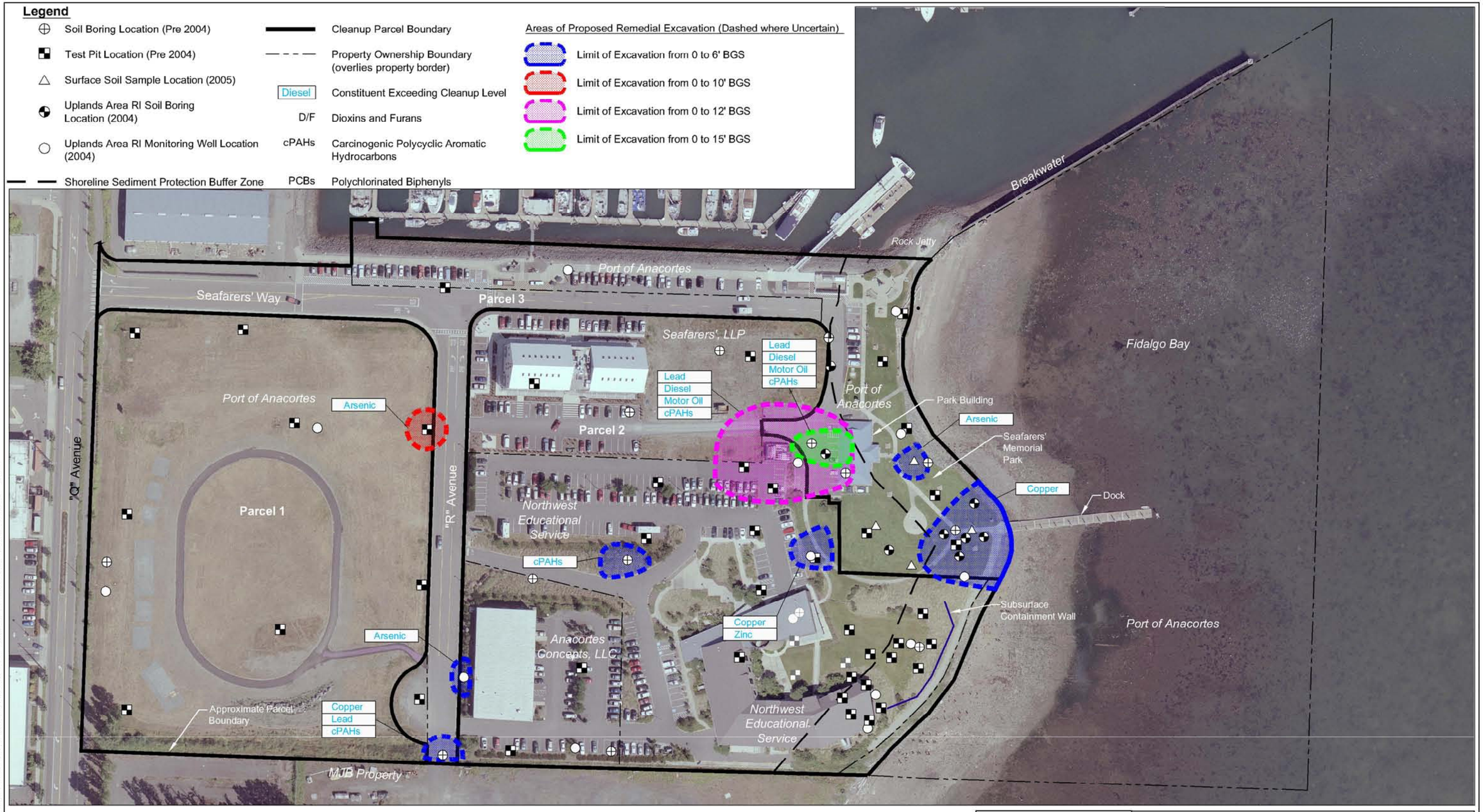
C:\DOCUMENTS AND SETTINGS\GGLADDEN\DESKTOP\SEA\FS-19.DWG\TAB:FS-19 MODIFIED BY GGLADDEN ON AUG 13, 2008 - 16:18

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)
- Shoreline Sediment Protection Buffer Zone
- Cleanup Parcel Boundary
- Property Ownership Boundary (overlies property border)
- Diesel — Constituent Exceeding Cleanup Level
- D/F — Dioxins and Furans
- cPAHs — Carcinogenic Polycyclic Aromatic Hydrocarbons
- PCBs — Polychlorinated Biphenyls

Areas of Proposed Remedial Excavation (Dashed where Uncertain)

- Limit of Excavation from 0 to 6' BGS
- Limit of Excavation from 0 to 10' BGS
- Limit of Excavation from 0 to 12' BGS
- Limit of Excavation from 0 to 15' BGS



Notes

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.

Reference: 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, 2007.

N W E S

0 130 260

Scale in Feet

Alternative PUA-3

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 20

C:\DOCUMENTS AND SETTINGS\GGLADDEN\DESKTOP\SEA\FS-20.DWG\TAB:FS-20 MODIFIED BY GGLADDEN ON AUG 13, 2008 - 16:33

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)
- Shoreline Sediment Protection Buffer Zone
- Cleanup Parcel Boundary
- Property Ownership Boundary (overlies property border)
- Diesel — Constituent Exceeding Cleanup Level
- D/F — Dioxins and Furans
- cPAHs — Carcinogenic Polycyclic Aromatic Hydrocarbons
- PCBs — Polychlorinated Biphenyls

Areas of Proposed Remedial Excavation (Dashed where Uncertain)

- Limit of Excavation from 0 to 6' BGS
- Limit of Excavation from 0 to 10' BGS
- Limit of Excavation from 0 to 12' BGS
- Limit of Excavation from 0 to 15' BGS



Notes

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.

Reference: 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, 2007.

N W E S

0 130 260

Scale in Feet

Alternative PUA-4

Scott Paper Mill
Anacortes, Washington

GeoEngineers

Figure 21

C:\DOCUMENTS AND SETTINGS\GGLADDEN\DESKTOP\SEA\FS-21.DWG\TAB:FS-21 MODIFIED BY GGLADDEN ON AUG 13, 2008 - 16:35



LEGEND

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Property Line
- Fence Line
- Proposed Security Fence
- Parking Area

Areas of Proposed Remedial Excavation

- Anticipated Limit of Excavation from 0 to 2' BGS
- Anticipated Limit of Excavation from 0 to 6' BGS
- Anticipated Limit of Excavation from 0 to 15' BGS
- Potential Upper Limit of Excavation from 0 to 2' BGS

N

0 60 120

APPROXIMATE SCALE IN FEET

ALTERNATIVE MJB-1
MJB North Area
Anacortes, Washington

By: APS	Date: 08/06/08	Project No. 10131
Geomatrix		Figure 22

Plot Date: 08/06/08 - 10:48am, Plotted by: astenberg
Drawing Path: S:\10131\002_Rlt\, Drawing Name: ALT1_MJB_032508.dwg



LEGEND

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Property Line
- Fence Line
- Proposed Security Fence
- Parking Area

Areas of Proposed Remedial Excavation

- Anticipated Limit of Excavation from 0 to 2' BGS
- Anticipated Limit of Excavation from 0 to 6' BGS
- Anticipated Limit of Homogenization from 0 to 4' BGS
- Potential Upper Limit of Homogenization from 0 to 4' BGS
- Potential Upper Limit of Excavation from 0 to 2' BGS

N

0 60 120

APPROXIMATE SCALE IN FEET

ALTERNATIVE MJB-2
MJB North Area
Anacortes, Washington

By: APS	Date: 08/06/08	Project No. 10131
Geomatrix		Figure 23

Plot Date: 08/06/08 - 1:39pm Plotted by: astenberg
Drawing Path: S:\10131\002_RI_Drawing Name: ALT2_MJB_032508.dwg



LEGEND

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Property Line
- Fence Line
- Proposed Security Fence
- Parking Area

Areas of Proposed Remedial Excavation

- Anticipated Limit of Excavation from 0 to 2' BGS
- Anticipated Limit of Excavation from 0 to 6' BGS
- Anticipated Limit of Asphalt Cover
- Potential Upper Limit of Asphalt Cover
- Potential Upper Limit of Excavation from 0 to 2' BGS

N

0 60 120

APPROXIMATE SCALE IN FEET

ALTERNATIVE MJB-3
MJB North Area
Anacortes, Washington

By: APS	Date: 08/06/08	Project No. 10131
Geomatrix		Figure 24

Plot Date: 08/06/08 - 1:24pm Plotted by: astenberg
Drawing Path: S:\10131\002_RI_Drawing Name: ALT3_MJB_032508.dwg



LEGEND

- Monitoring Well Location
- Push Probe Soil Sample Location
- Test Pit Sample Location
- Soil Sample Location
- Soil Boring Location
- Property Line
- Fence Line
- Proposed Security Fence
- Parking Area

Areas of Proposed Remedial Excavation

- Anticipated Limit of Excavation from 0 to 2' BGS
- Anticipated Limit of Excavation from 0 to 6' BGS
- Anticipated Limit of Excavation from 0 to 10' BGS
- Anticipated Limit of Homogenization from 0 to 4' BGS
- Potential Upper Limit of Homogenization from 0 to 4' BGS
- Potential Upper Limit of Excavation from 0 to 2' BGS

N

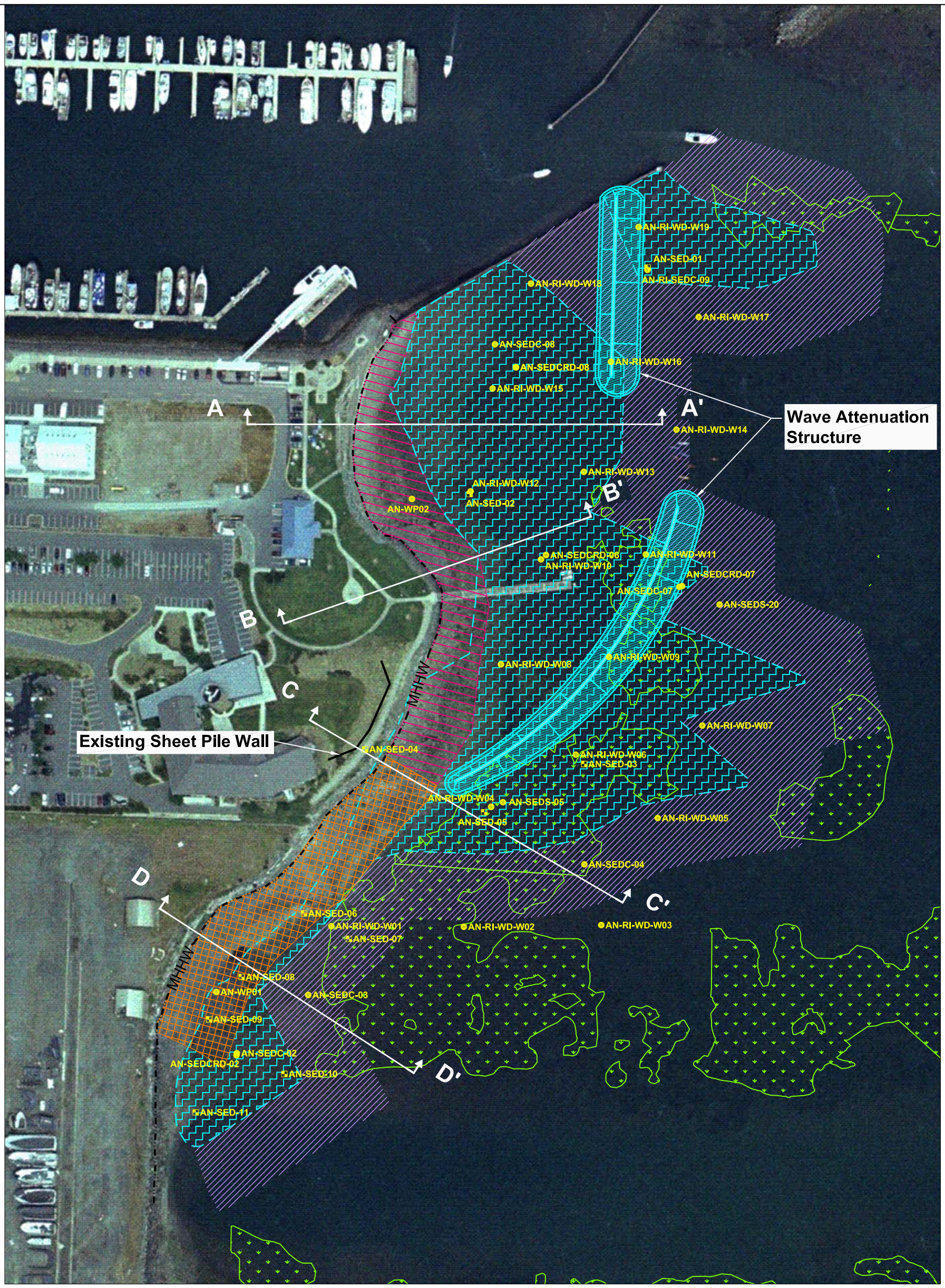
0 60 120

APPROXIMATE SCALE IN FEET

ALTERNATIVE MJB-4
MJB North Area
Anacortes, Washington

By: APS	Date: 08/06/08	Project No. 10131
Geomatrix		Figure 25

Plot Date: 08/06/08 - 1:48pm, Plotted by: astenberg
Drawing Path: S:\10131\002_RI_Drawing Name: ALT4_MJB_080508.dwg



6-inch Sand Cover Placed over Anticipated Dredging Residuals

SQS Boundary

MHHW Mean Higher High Water Line

AN-RI-WD-W03 Sample Location and I.D.

Eelgrass

Dredge and Backfill Area (2-ft-thick)

Dredge and Cap Area (2-ft-thick Sand and Gravel Cap)

Dredge and Cap Area (2-ft-thick Armored Cap)

N

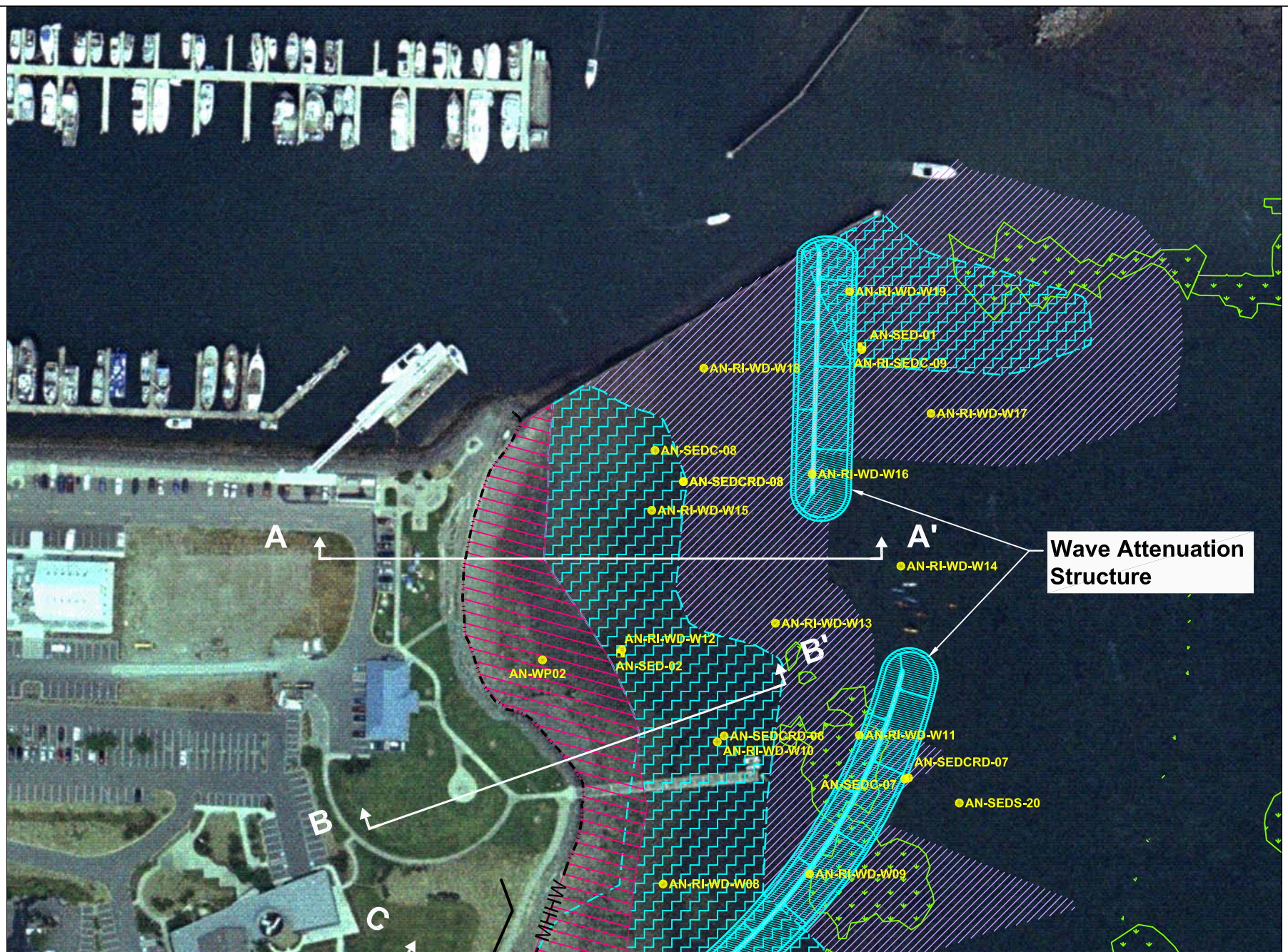
0 150

Scale in Feet

Aug 11, 2008 11:15am tgriga K:\Jobs\000105-Kimberly Clark\000105-01\000105-01-56.dwg F26

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 26
Plan View Marine Alternative M-1
Former Scott Paper Mill



6-inch Sand Cover Placed over Anticipated Dredging Residuals

SQS Boundary

MHHW Mean Higher High Water Line

AN-RI-WD-W03 Sample Location and I.D.

Eelgrass

Dredge and Backfill Area (2-ft-thick)

Dredge and Cap Area (2-ft-thick Sand and Gravel Cap)

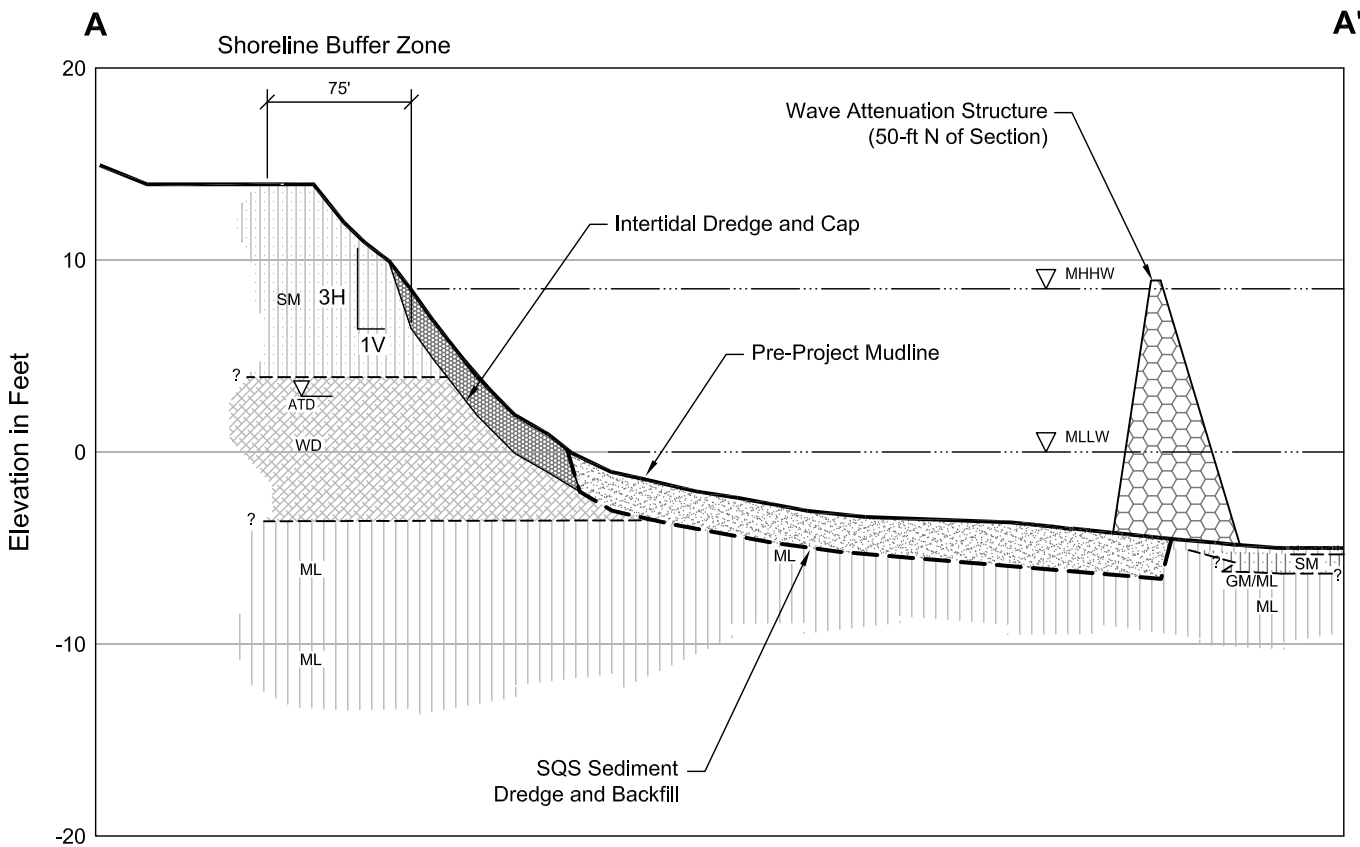
Dredge and Cap Area (2-ft-thick Armored Cap)

0 150
Scale in Feet

Aug 12, 2008 3:11pm cdavidson K:\Jobs\000105-Kimberly Clark\000105-01\000105\01-57.dwg F27

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 27
Plan View Marine Alternative M-2
Former Scott Paper Mill



Legend

- Sand Backfill
- Gravel and Sand Cap
- Wave Attenuator Rock
- WD: Fill Containing Wood Debris
- GM: Silty Gravel
- SM: Silty Sand
- ML: Silt and Fine Sand
- Approximate Geologic Contact
- Approximate Groundwater Elevation at Time of Drilling (ATD)

0 100

Horizontal Scale in Feet

Vertical Exaggeration x10

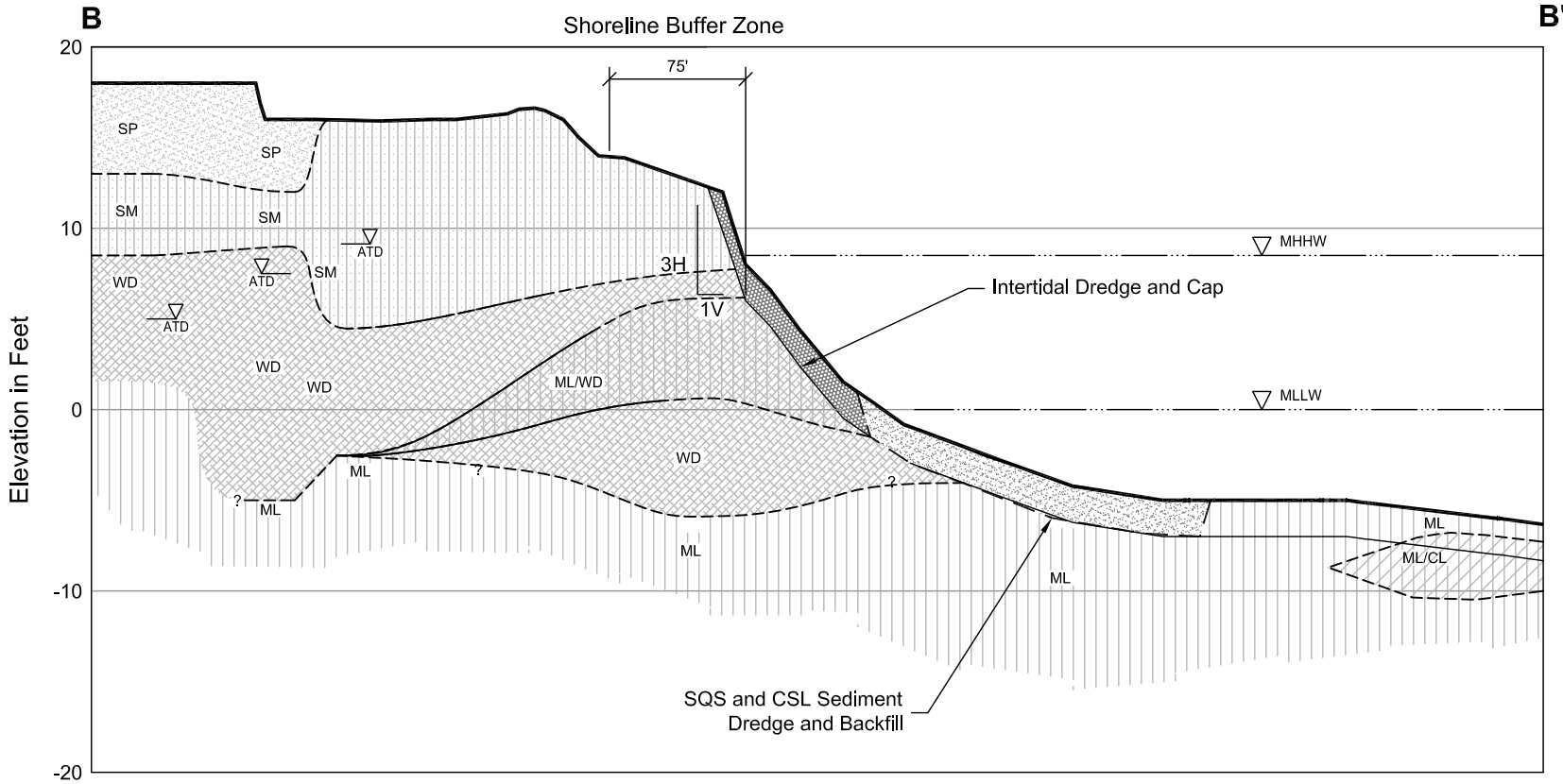
Aug 07, 2008 9:02am heriksen K:\Jobs\000105-Kimberly Clark\000105-01\000105-01-52.dwg F28

Figure 28

Cross-Section A-A': Marine Alternative M-1

Former Scott Paper Mill

ANCHOR ENVIRONMENTAL, L.L.C.



Legend

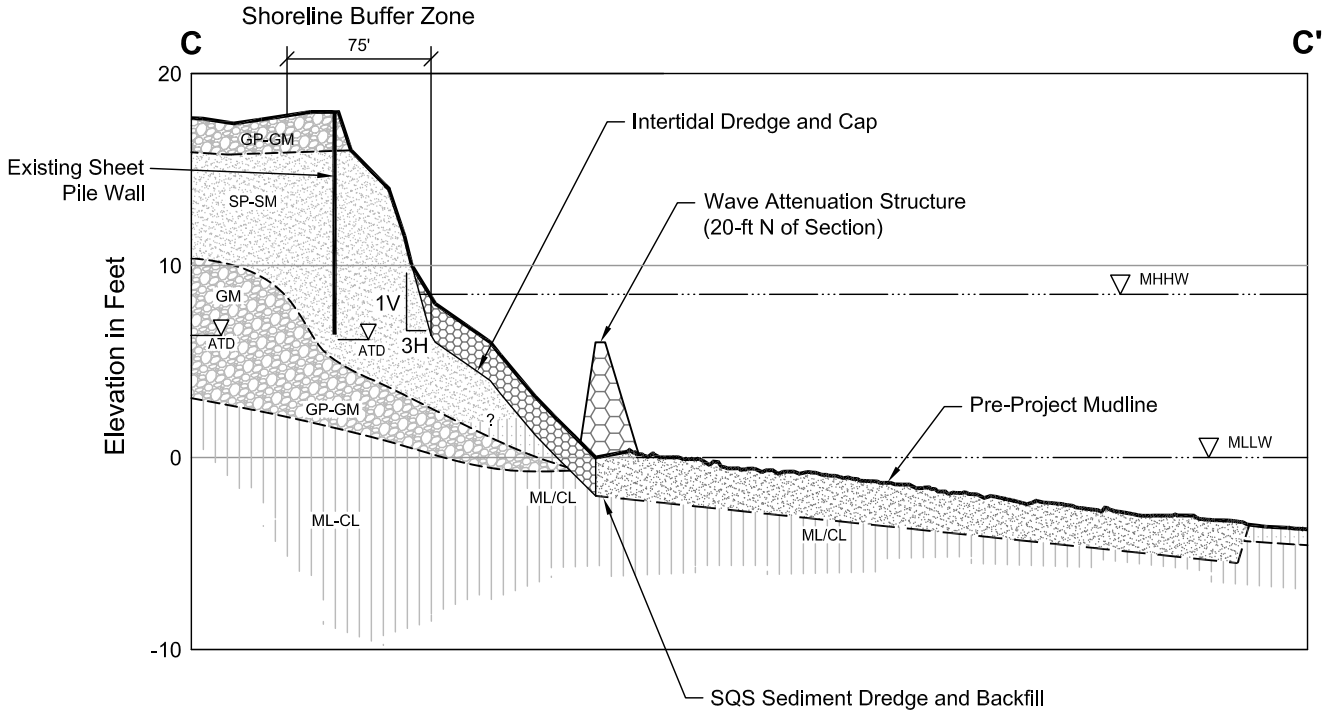
- Sand Backfill
- Gravel and Sand Cap
- WD: Fill Containing Wood Debris
- ML/WD: Silt and Fine Sand/Fill Containing Wood Debris
- SP: Poorly Graded Sand
- SM: Silty Sand
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- ATD: Approximate Groundwater Elevation at Time of Drilling (ATD)

0 100
Horizontal Scale in Feet
Vertical Exaggeration x10

Aug 07, 2008 9:03am heriksen K:\Jobs\000105-Kimberly Clark\000105-01\000105501-52.dwg F29

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 29
Cross-Section B-B': Marine Alternatives M-1 and M-2
Former Scott Paper Mill



Legend

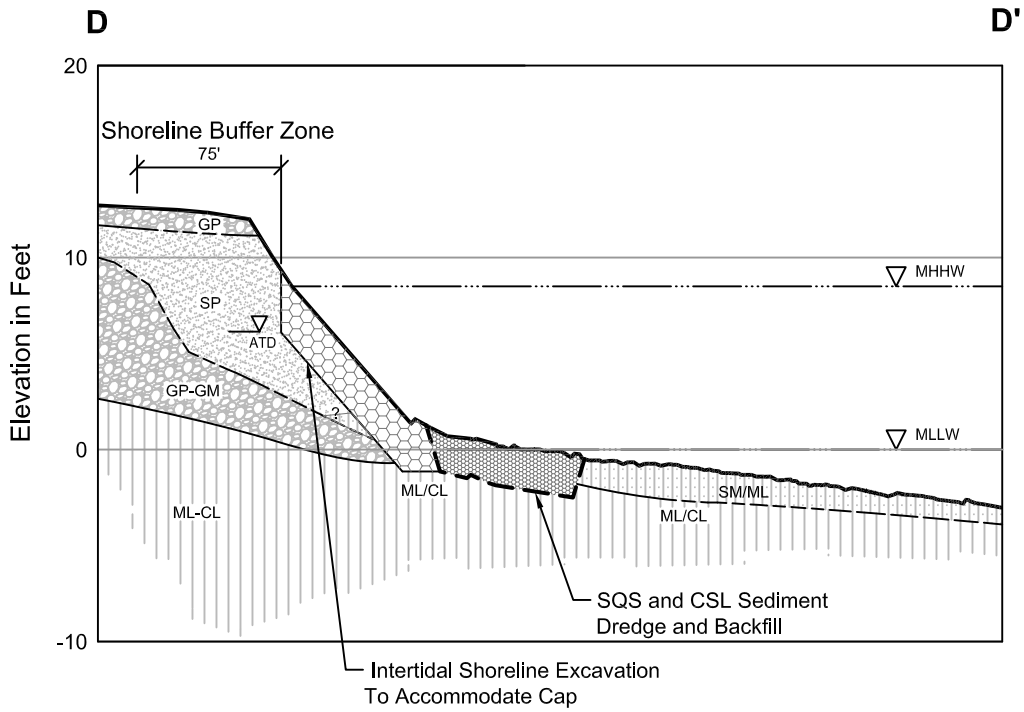
- Sand Backfill
- WD: Fill Containing Wood Debris
- GM: Silty Gravel
- SP: Poorly Graded Sand
- SM: Silty Sand
- Gravel Cap
- Wave Attenuator Rock
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- ATD — Approximate Groundwater Elevation at Time of Drilling (ATD)

0 100
Horizontal Scale in Feet
Vertical Exaggeration x10

Aug 07, 2008 9:04am heriksen K:\Jobs\000105-Kimberly Clark\000105-01\000105501-52.dwg F30

Figure 30
Cross-Section C-C': Marine Alternative M-1
Former Scott Paper Mill

ANCHOR ENVIRONMENTAL, L.L.C.



Legend

- WD: Fill Containing Wood Debris
- GM: Silty Gravel
- SP: Poorly Graded Sand
- SM: Silty Sand
- OL: Organic Silt
- Armored Cap
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- Approximate Groundwater Elevation at Time of Drilling (ATD)

0 100

Horizontal Scale in Feet

Vertical Exaggeration x10

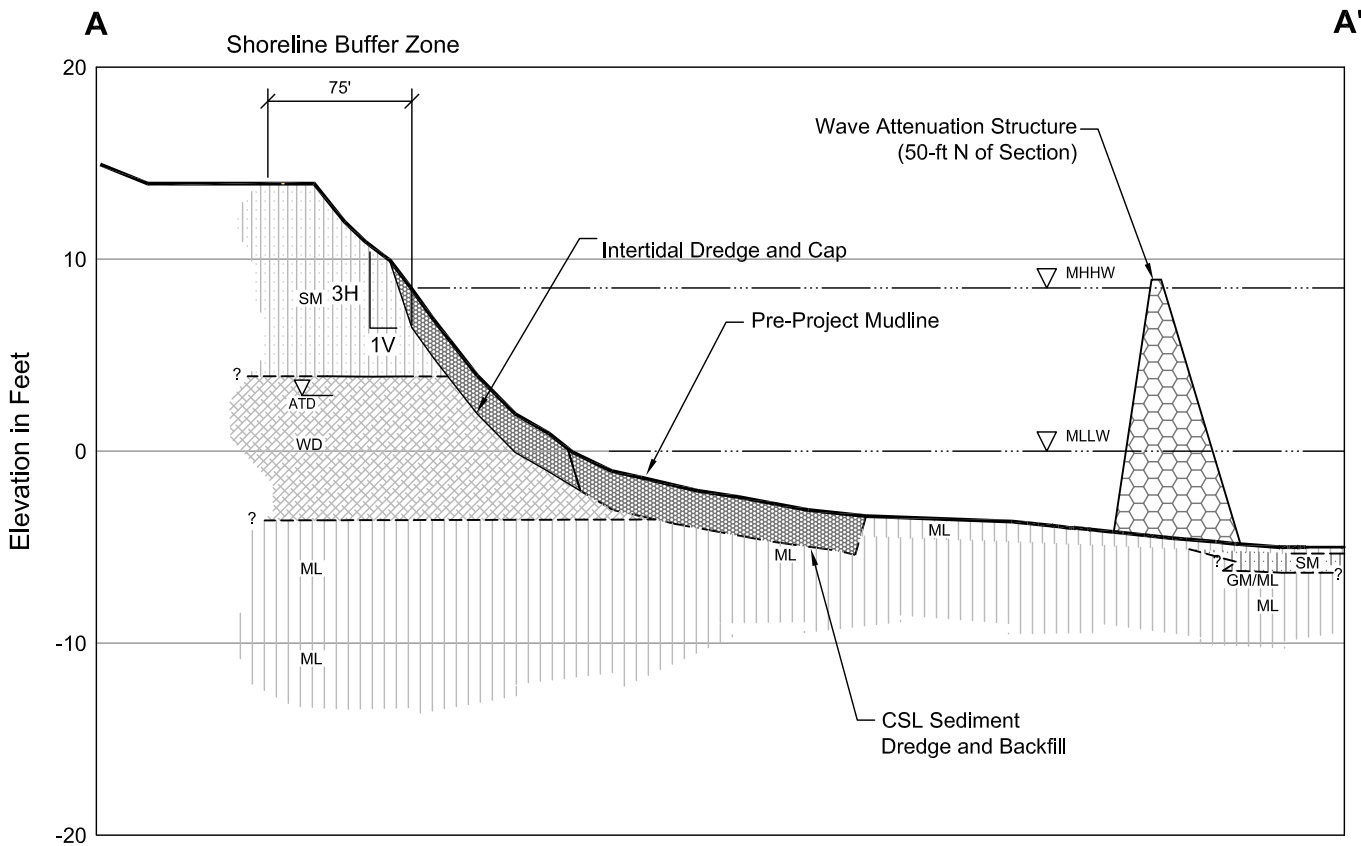
Aug 12, 2008 3:43pm cdavidson K:\Jobs\000105-Kimberly Clark\000105-01\000105-01-53.dwg F31

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 31

Cross-Section D-D': Marine Alternatives M-1 and M-2

Former Scott Paper Mill



Legend

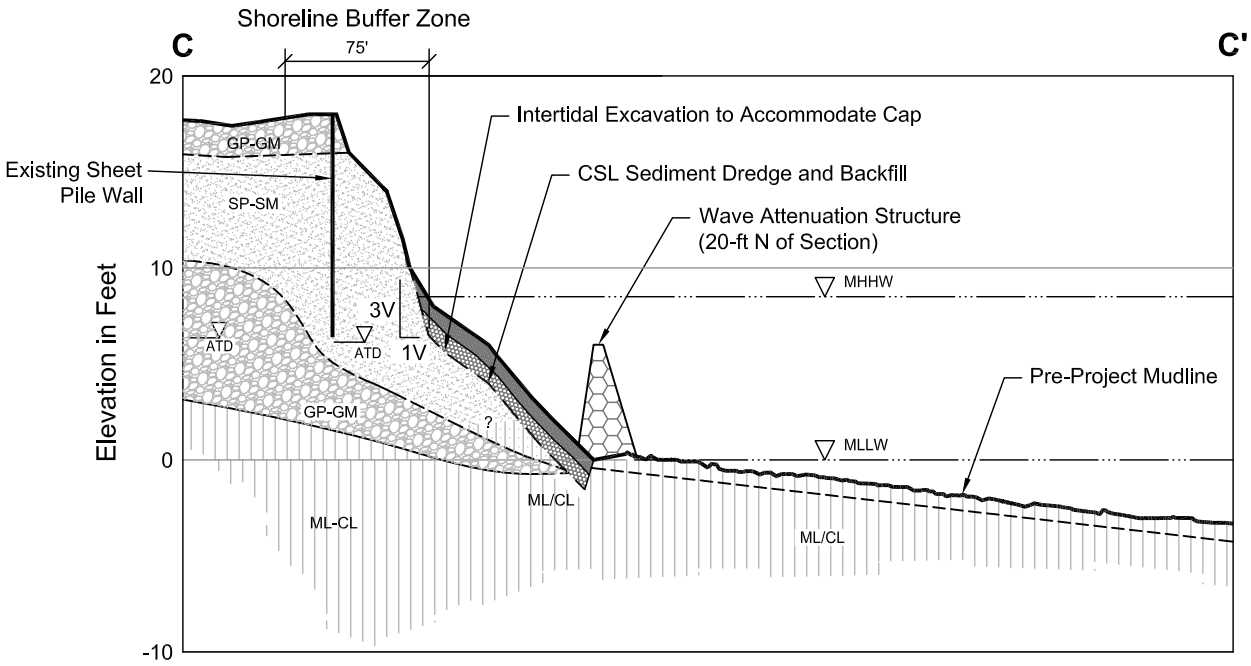
- Gravel and Sand Cap
- Wave Attenuator Rock
- WD: Fill Containing Wood Debris
- SM: Silty Sand
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- Approximate Groundwater Elevation at Time of Drilling (ATD)

0 100
Horizontal Scale in Feet
Vertical Exaggeration x10

Aug 07, 2008 9:05am heriksen K:\Jobs\000105-Kimberly Clark\000105-01\000010501-52.dwg F32

Figure 32
Cross-Section A-A': Marine Alternative M-2
Former Scott Paper Mill

ANCHOR ENVIRONMENTAL, L.L.C.



Legend

- WD: Fill Containing Wood Debris
- GM: Silty Gravel
- SP: Poorly Graded Sand
- SM: Silty Sand
- Gravel Cap
- Pea Gravel and Sand Cap
- Wave Attenuator Rock
- ML: Silt and Fine Sand
- CL: Clay
- Approximate Geologic Contact
- Approximate Groundwater Elevation

0 100
Horizontal Scale in Feet
Vertical Exaggeration x10

Aug 07, 2008 9:06am heriksen K:\Jobs\000105-Kimberly Clark\000105-01\000010501-52.dwg F33

ANCHOR ENVIRONMENTAL, L.L.C.

Figure 33
Cross-Section C-C': Marine Alternative M-2
Former Scott Paper Mill