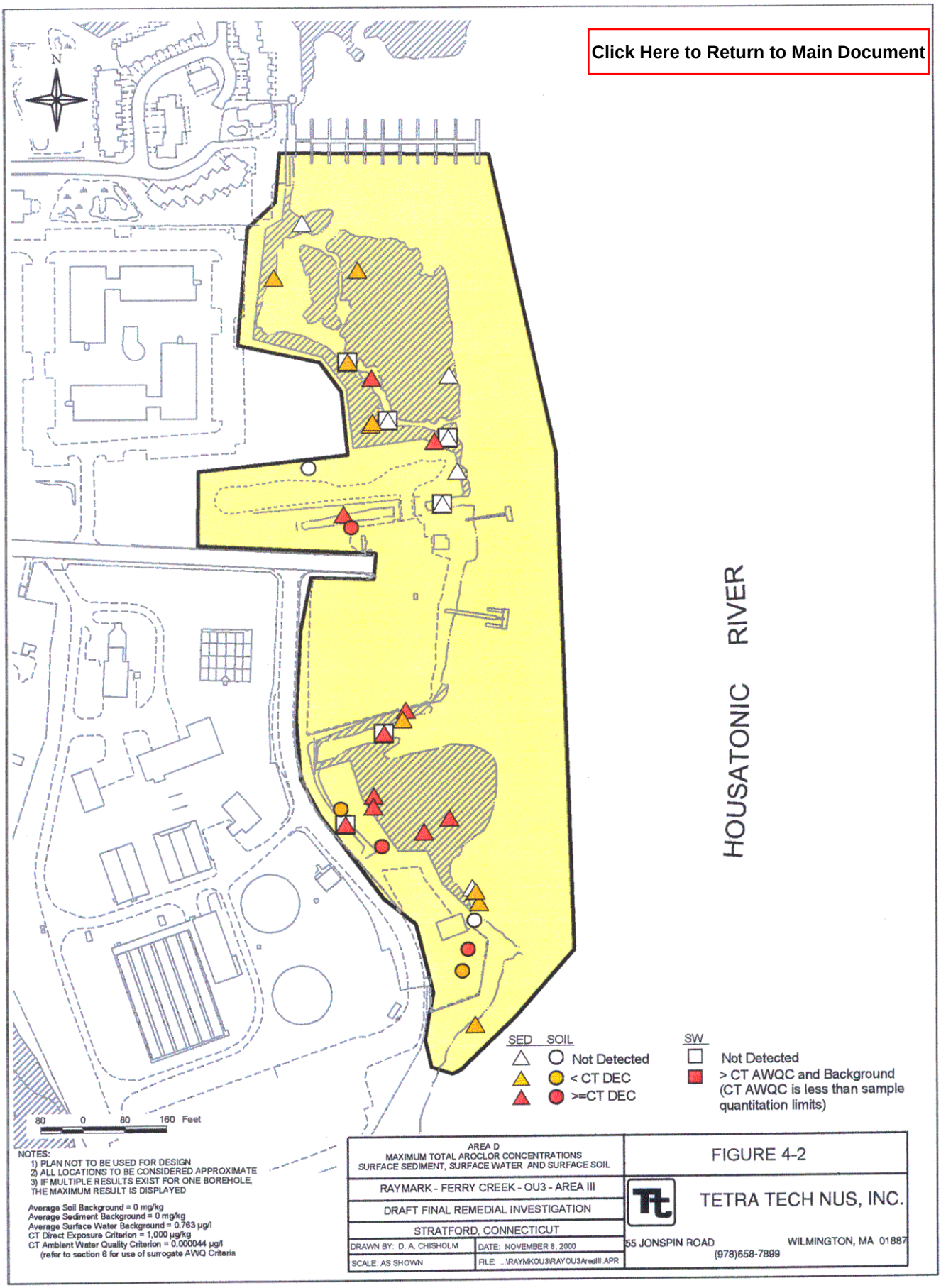
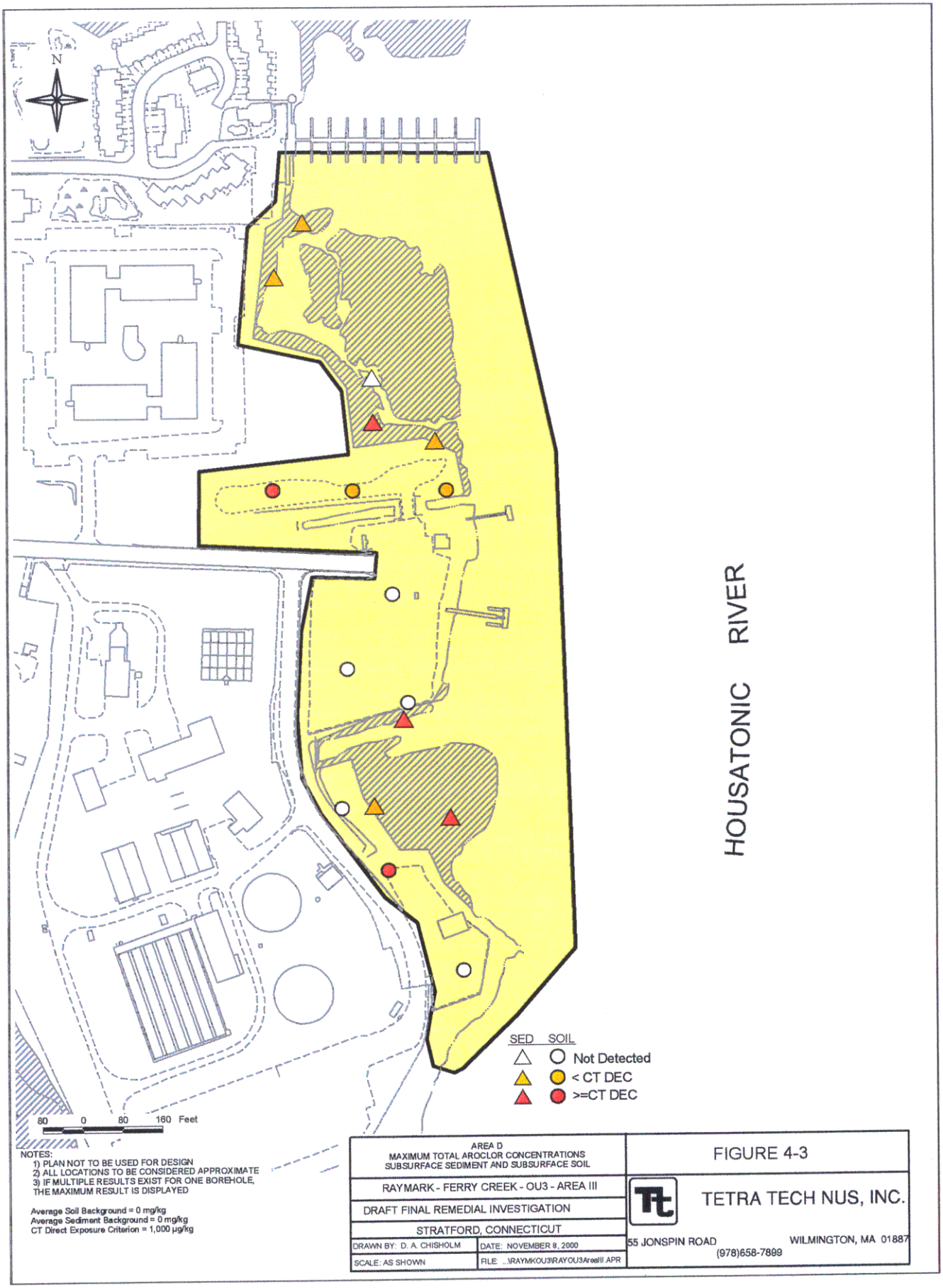
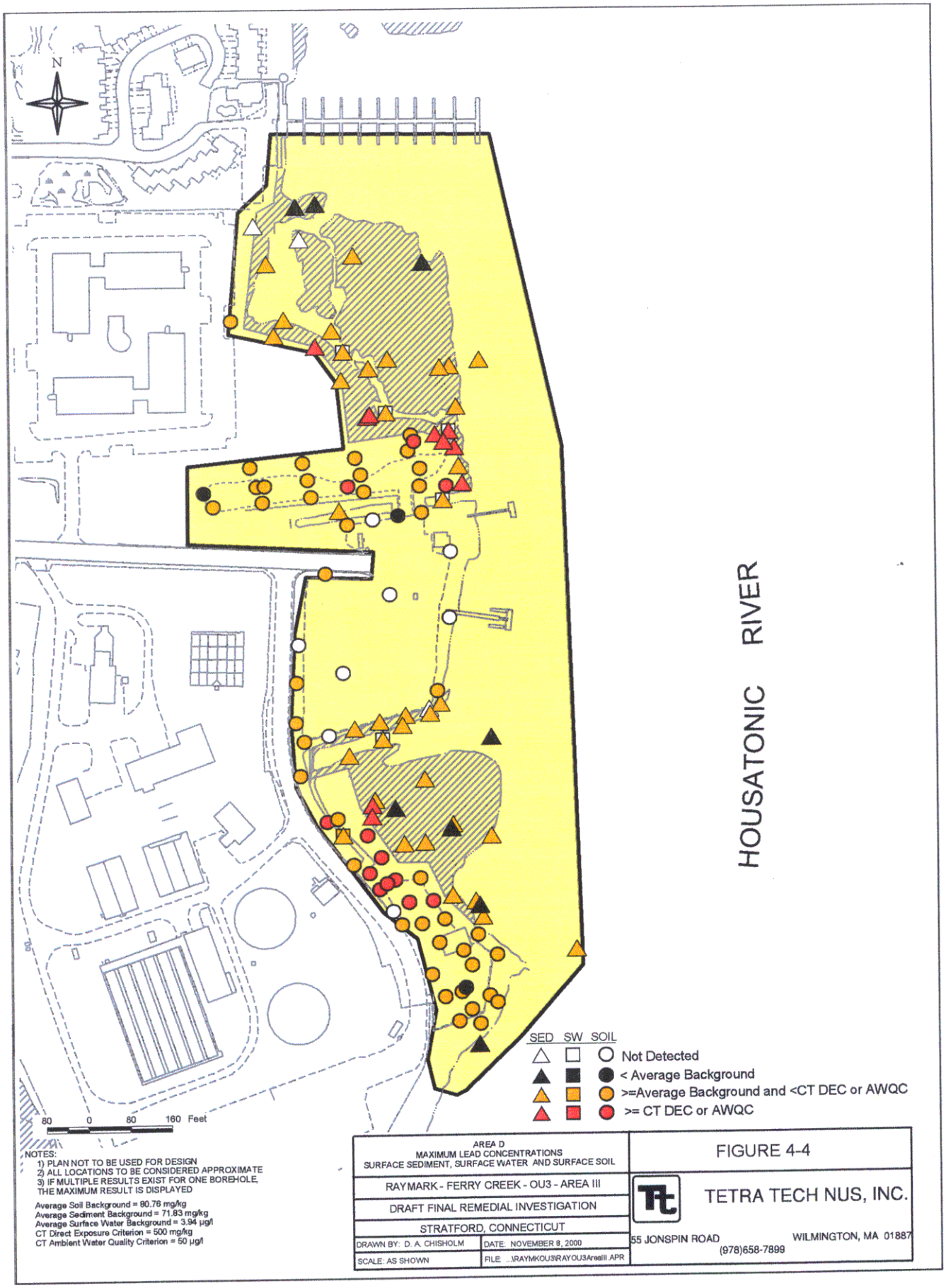
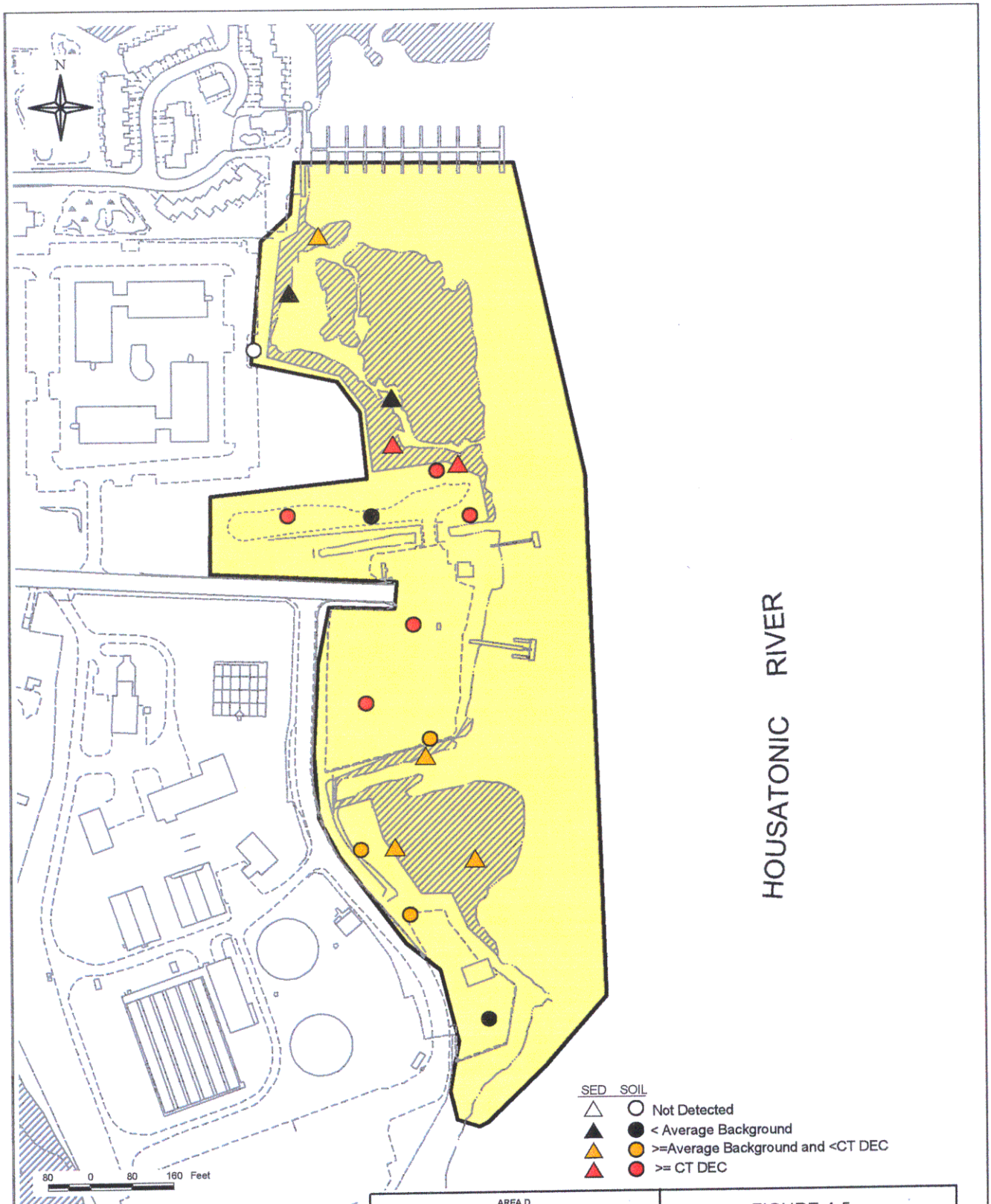
Click Here to Return to Main Document




N
HOUSATONIC RIVER
SED SOIL
Not Detected
< CT DEC
>=CT DEC
80 0 80 160 Feet
NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED
Average Soil Background = 0 mg/kg
Average Sediment Background = 0 mg/kg
CT Direct Exposure Criterion = 1,000 µg/kg
AREA D
MAXIMUM TOTAL AROCLOR CONCENTRATIONS
SUBSURFACE SEDIMENT AND SUBSURFACE SOIL
RAYMARK - FERRY CREEK - OU3 - AREA III
DRAFT FINAL REMEDIAL INVESTIGATION
STRATFORD, CONNECTICUT
DRAWN BY: D. A. CHISHOLM
DATE: NOVEMBER 8, 2000
SCALE: AS SHOWN
FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR
FIGURE 4-3
TETRA TECH NUS, INC.
55 JONSPIN ROAD
WILMINGTON, MA 01887
(978)658-7899

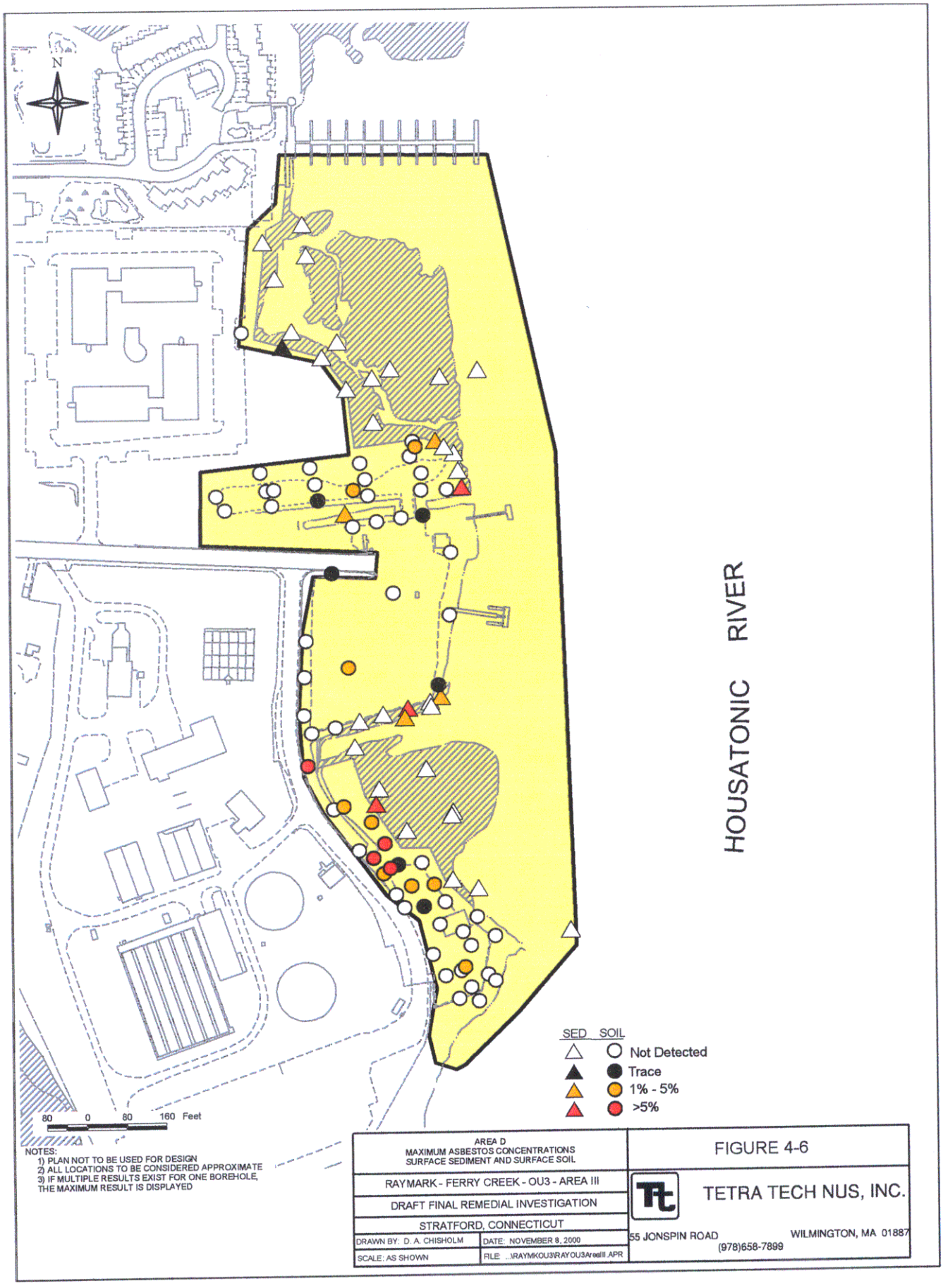

N
HOUSATONIC RIVER
SED SW SOIL
Not Detected
< Average Background
>=Average Background and <CT DEC or AWQC
>= CT DEC or AWQC
80 0 80 160 Feet
NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED
Average Soil Background = 80.76 mg/kg
Average Sediment Background = 71.83 mg/kg
Average Surface Water Background = 3.94 µg/l
CT Direct Exposure Criterion = 500 mg/kg
CT Ambient Water Quality Criterion = 50 µg/l
AREA D
MAXIMUM LEAD CONCENTRATIONS
SURFACE SEDIMENT, SURFACE WATER AND SURFACE SOIL
RAYMARK - FERRY CREEK - OU3 - AREA III
DRAFT FINAL REMEDIAL INVESTIGATION
STRATFORD, CONNECTICUT
DRAWN BY: D. A. CHISHOLM
DATE: NOVEMBER 8, 2000
SCALE: AS SHOWN
FILE ...\RAYMKOU3\RAYOU3AreaIII.APR
FIGURE 4-4
TETRA TECH NUS, INC.
55 JONSPIN ROAD
WILMINGTON, MA 01887
(978)658-7899

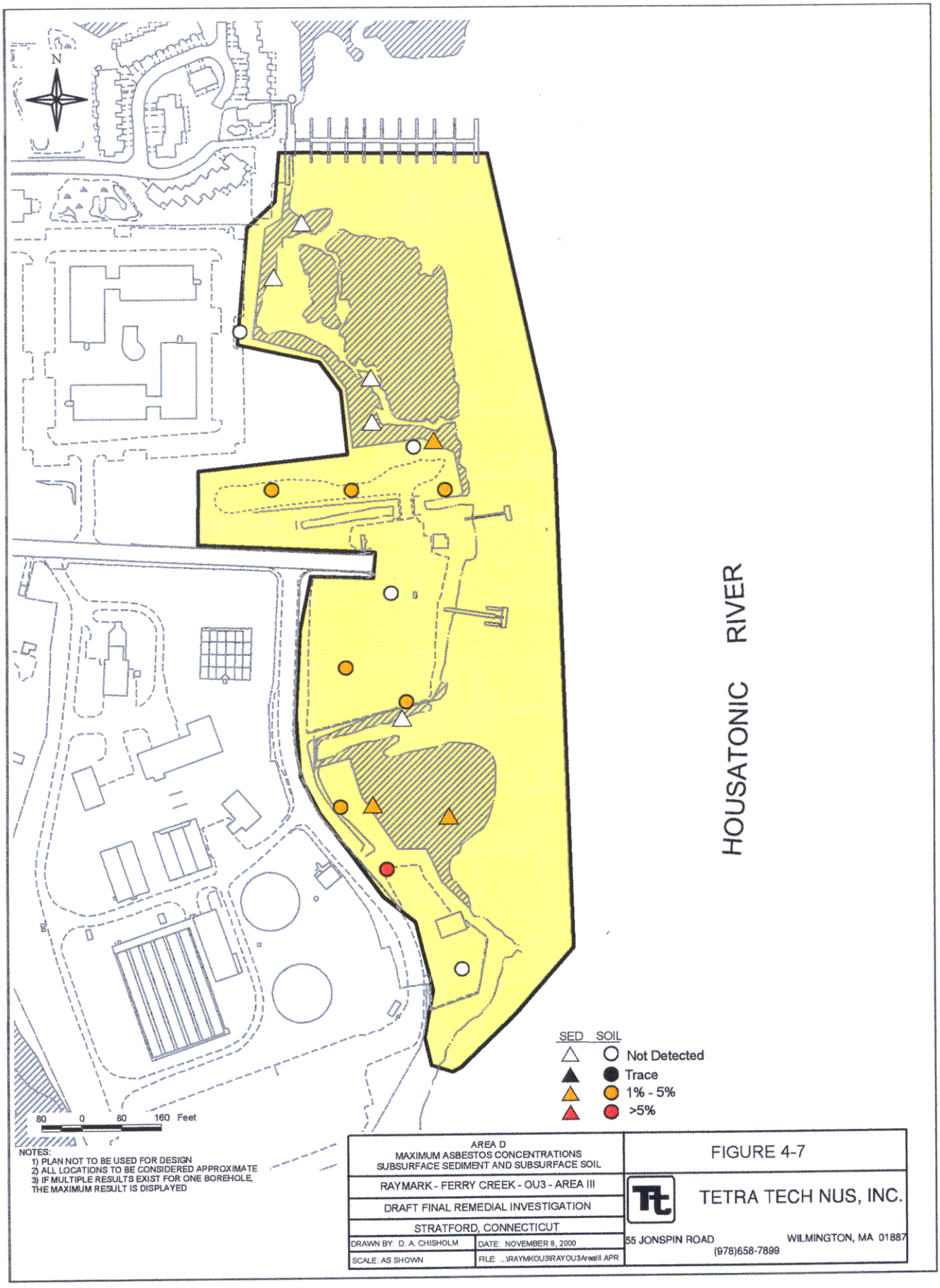


NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED

Average Soil Background = 80.76 mg/kg
Average Sediment Background = 71.83 mg/kg
CT Direct Exposure Criterion = 500 mg/kg

AREA D MAXIMUM LEAD CONCENTRATIONS SUBSURFACE SEDIMENT AND SUBSURFACE SOIL	FIGURE 4-5
RAYMARK - FERRY CREEK - OU3 - AREA III	TETRA TECH NUS, INC.
DRAFT FINAL REMEDIAL INVESTIGATION	
STRATFORD, CONNECTICUT	
DRAWN BY: D. A. CHISHOLM / DATE: NOVEMBER 8, 2000	55 JONSPIN ROAD WILMINGTON, MA 01887 (978)658-7899
SCALE: AS SHOWN / FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR	


N
HOUSATONIC RIVER
SED SOIL
Not Detected
Trace
1% - 5%
>5%
80 0 80 160 Feet
NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED
AREA D
MAXIMUM ASBESTOS CONCENTRATIONS
SURFACE SEDIMENT AND SURFACE SOIL
RAYMARK - FERRY CREEK - OU3 - AREA III
DRAFT FINAL REMEDIAL INVESTIGATION
STRATFORD, CONNECTICUT
DRAWN BY: D. A. CHISHOLM
DATE: NOVEMBER 8, 2000
SCALE: AS SHOWN
FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR
FIGURE 4-6
TETRA TECH NUS, INC.
55 JONSPIN ROAD
WILMINGTON, MA 01887
(978)658-7899


N
HOUSATONIC RIVER
SED SOIL
Not Detected
Trace
1% - 5%
>5%
80 0 80 160 Feet
NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED
AREA D
MAXIMUM ASBESTOS CONCENTRATIONS
SUBSURFACE SEDIMENT AND SUBSURFACE SOIL
RAYMARK - FERRY CREEK - OU3 - AREA III
DRAFT FINAL REMEDIAL INVESTIGATION
STRATFORD, CONNECTICUT
DRAWN BY: D. A. CHISHOLM
DATE: NOVEMBER 8, 2000
SCALE: AS SHOWN
FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR
FIGURE 4-7
TETRA TECH NUS, INC.
55 JONSPIN ROAD
WILMINGTON, MA 01887
(978)658-7899

TARGET SHEET

THE MATERIAL DESCRIBED BELOW
WAS NOT SCANNED BECAUSE:

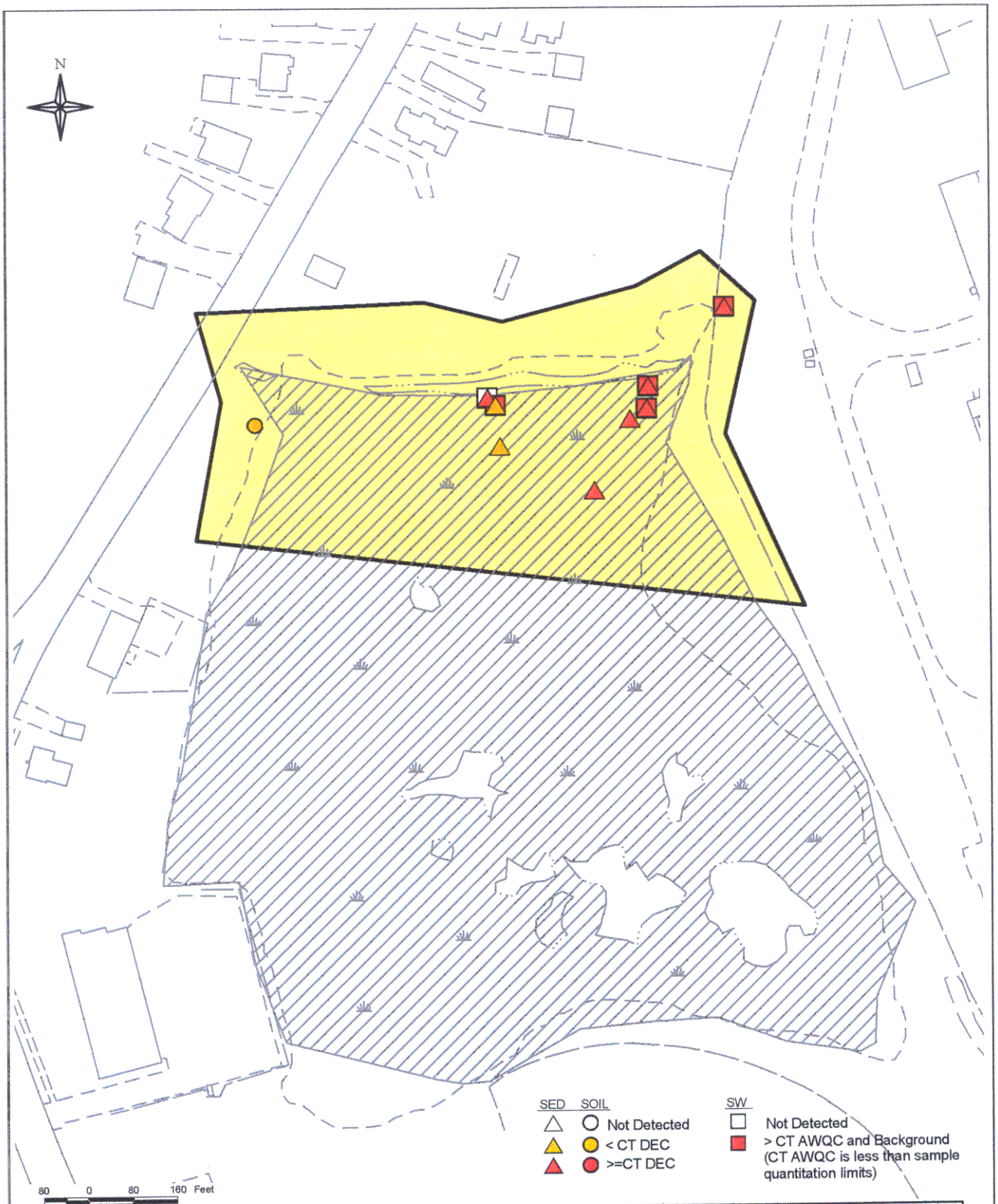
(X) OVERSIZED

() NON-PAPER MEDIA

() OTHER:

DESCRIPTION: DOC# 11537
FIGURE 4-8 SAMPLE LOCATION
PLAN - AREA E.

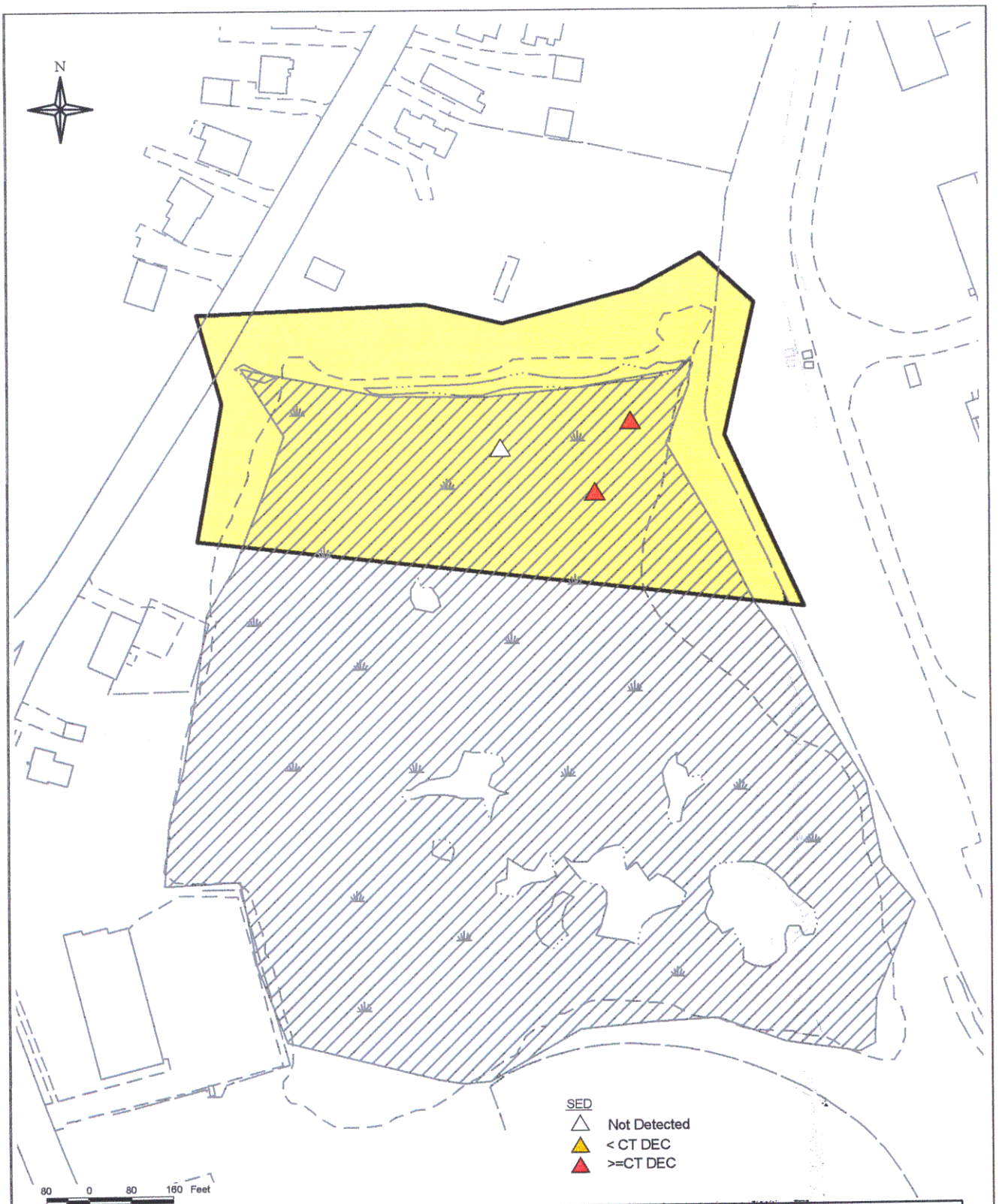
THE OMITTED MATERIAL IS AVAILABLE FOR REVIEW
BY APPOINTMENT
AT THE EPA NEW ENGLAND SUPERFUND RECORDS CENTER,
BOSTON, MA



NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED

Average Soil Background = 0 mg/kg
Average Sediment Background = 0 mg/kg
Average Surface Water Background = 0.763 µg/l
CT Direct Exposure Criterion = 1,000 µg/kg
CT Ambient Water Quality Criterion = 0.000044 µg/l
(refer to section 6 for use of surrogate AWQ Criteria

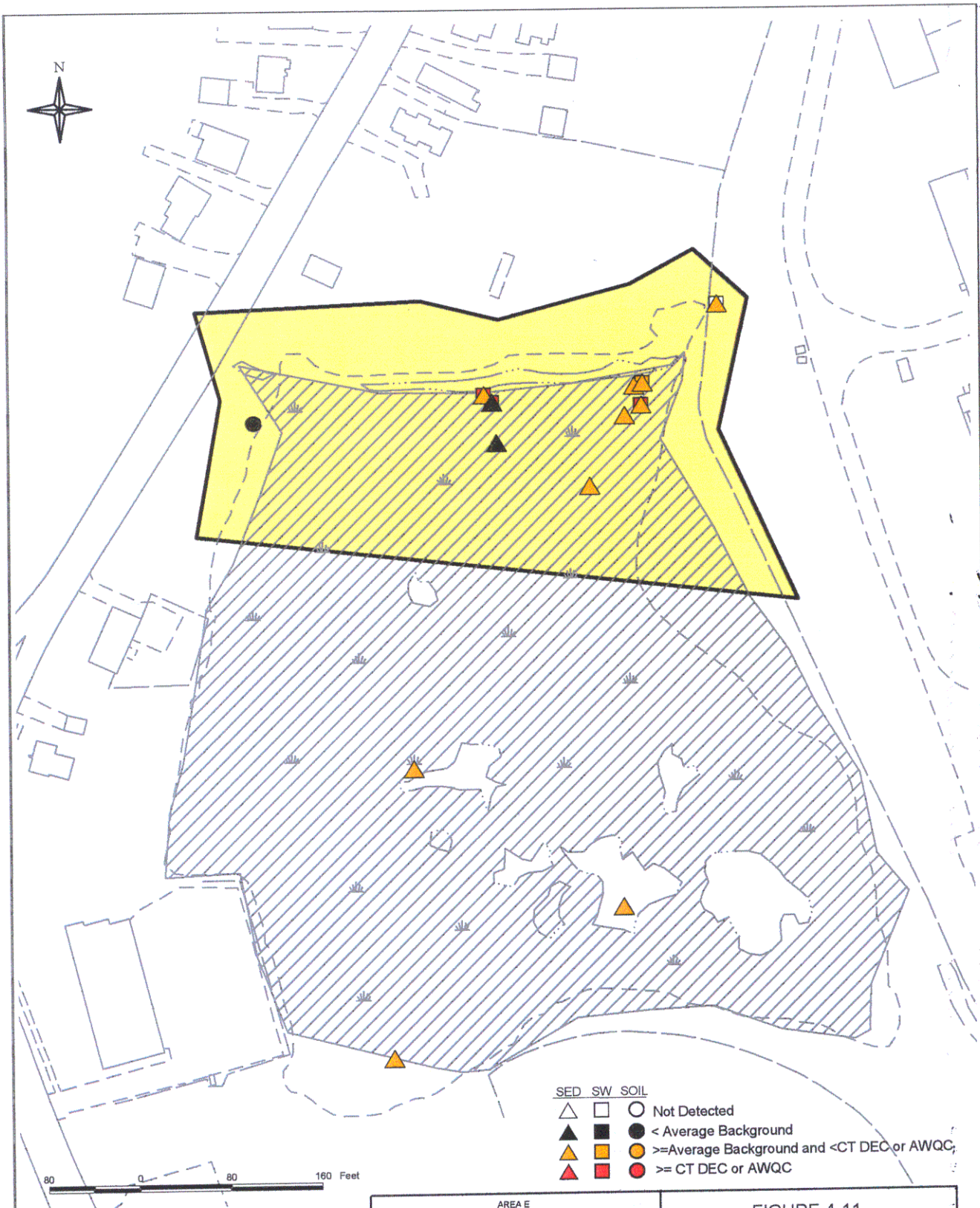
AREA E MAXIMUM TOTAL AROCLOR CONCENTRATIONS SURFACE SEDIMENT, SURFACE WATER AND SURFACE SOIL	FIGURE 4-9
RAYMARK - FERRY CREEK - OU3 - AREA III	TETRA TECH NUS, INC.
DRAFT FINAL REMEDIAL INVESTIGATION	
STRATFORD, CONNECTICUT	
DRAWN BY: D. A. CHISHOLM / DATE: NOVEMBER 8, 2000	55 JONSPIN ROAD WILMINGTON, MA 01887
SCALE: AS SHOWN / FILE ...\RAYMKOU3\RAYOU3AreaIII.APR	(978)658-7899



NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED

Average Sediment Background = 0 mg/kg
CT Direct Exposure Criterion = 1,000 µg/kg

AREA E MAXIMUM TOTAL AROCLOR CONCENTRATIONS SUBSURFACE SEDIMENT	FIGURE 4-10
RAYMARK - FERRY CREEK - OU3 - AREA III	TETRA TECH NUS, INC.
DRAFT FINAL REMEDIAL INVESTIGATION	
STRATFORD, CONNECTICUT	
DRAWN BY: D. A. CHISHOLM / DATE: NOVEMBER 8, 2000	55 JONSPIN ROAD WILMINGTON, MA 01887
SCALE: AS SHOWN / FILE: ...\RAYMK\OU3\RAYOU3AreaIII.APR	(978)658-7899



NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED

Average Soil Background = 80.76 mg/kg
Average Sediment Background = 71.83 mg/kg
Average Surface Water Background = 3.94 µg/l
CT Direct Exposure Criterion = 500 mg/kg
CT Ambient Water Quality Criterion = 50 µg/l

AREA E
MAXIMUM LEAD CONCENTRATIONS
SURFACE SEDIMENT, SURFACE WATER AND SURFACE SOIL

RAYMARK - FERRY CREEK - OU3 - AREA III

DRAFT FINAL REMEDIAL INVESTIGATION

STRATFORD, CONNECTICUT

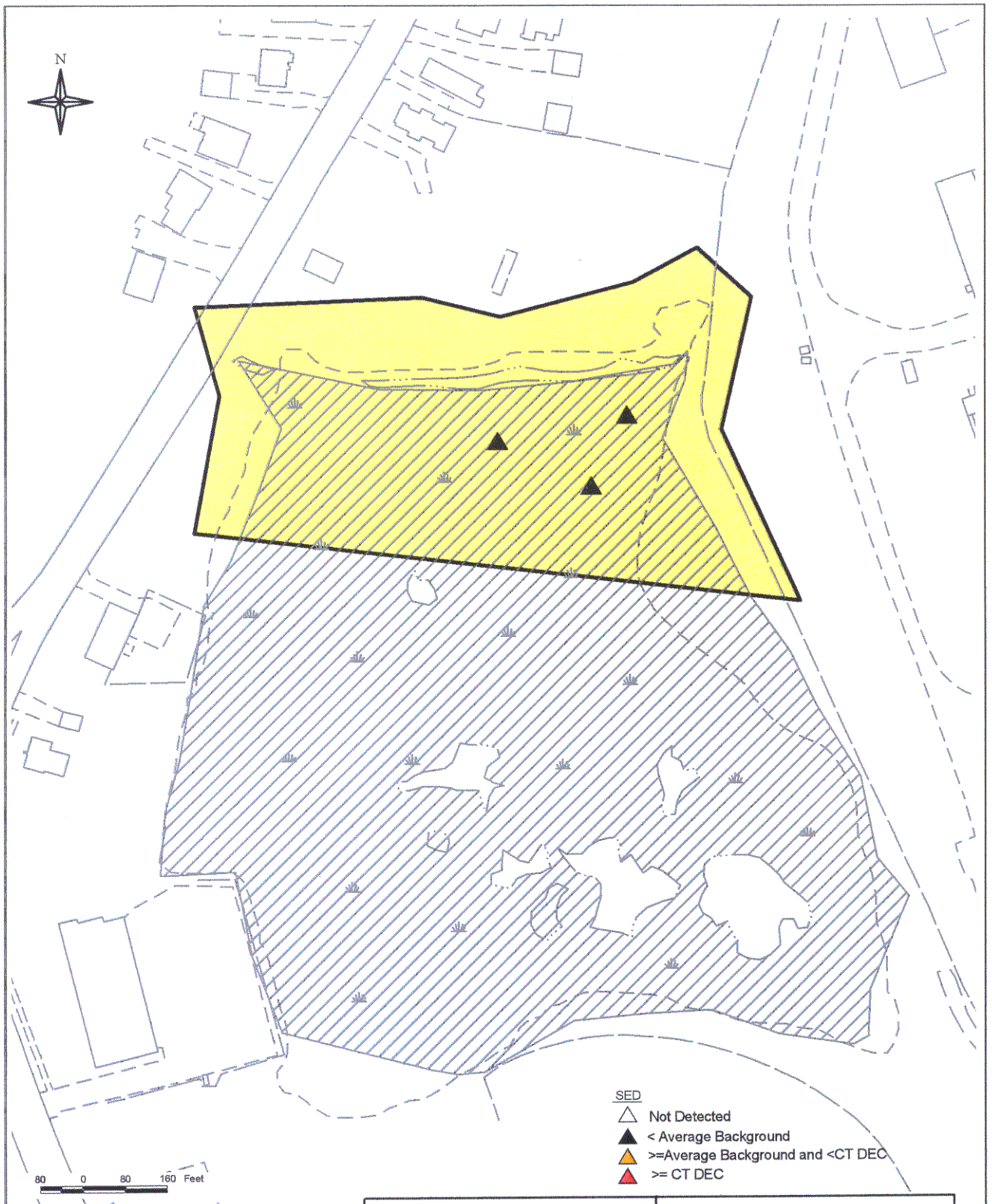
DRAWN BY: D. A. CHISHOLM | DATE: NOVEMBER 8, 2000

SCALE: AS SHOWN | FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR

FIGURE 4-11

TETRA TECH NUS, INC.

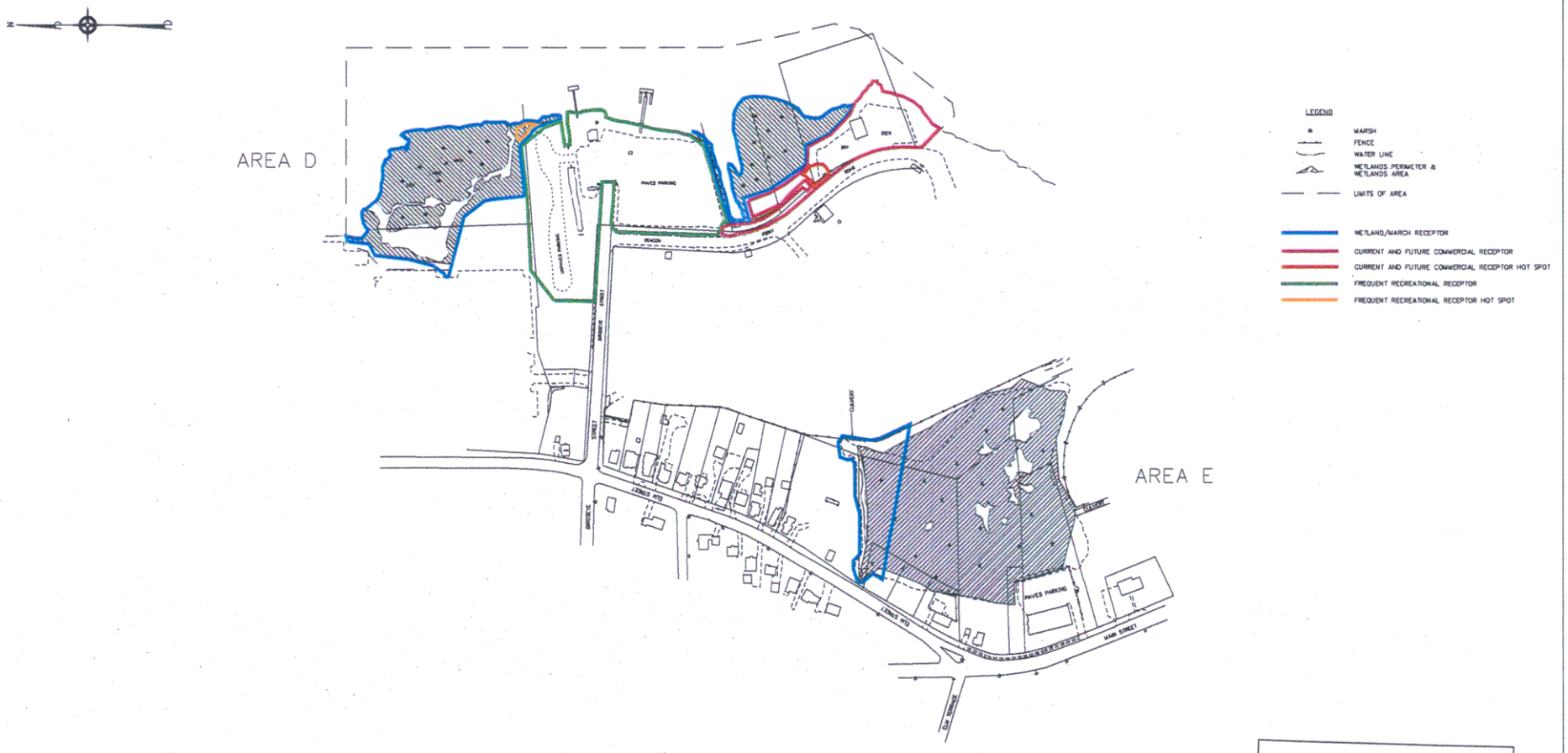
55 JONSPIN ROAD WILMINGTON, MA 01887
(978)658-7899



NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) IF MULTIPLE RESULTS EXIST FOR ONE BOREHOLE, THE MAXIMUM RESULT IS DISPLAYED

Average Sediment Background = 71.83 mg/kg
CT Direct Exposure Criterion = 500 mg/kg

AREA E MAXIMUM LEAD CONCENTRATIONS SUBSURFACE SEDIMENT	FIGURE 4-12
RAYMARK - FERRY CREEK - OU3 - AREA III	TETRA TECH NUS, INC.
DRAFT FINAL REMEDIAL INVESTIGATION	
STRATFORD, CONNECTICUT	
DRAWN BY: D. A. CHISHOLM / DATE: NOVEMBER 8, 2000	55 JONSPIN ROAD WILMINGTON, MA 01887 (978)658-7899
SCALE: AS SHOWN / FILE: ...\RAYMKOU3\RAYOU3AreaIII.APR	



Original includes color coding.

NOTES:

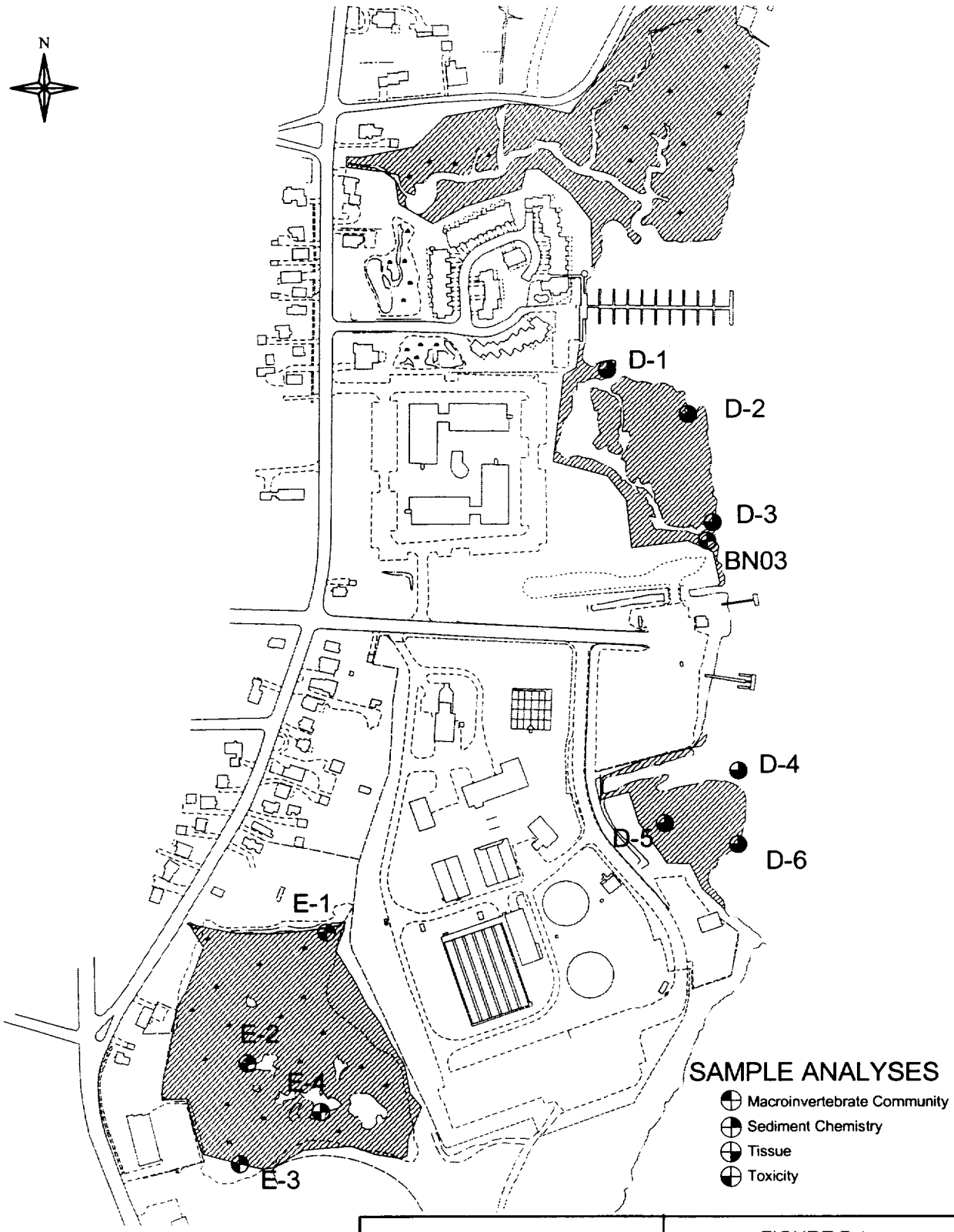
1. MAPPED BY PHOTOGRAMETRIC METHODS. GRIDS BASED ON CONNECTICUT STATE PLANE COORDINATE SYSTEM 1927. POINTS LOCATED BY CONVENTIONAL SURVEY METHODS.
2. BASE MAP BY GEOD-PHOTOGRAMMETRIC SCIENCES SURVEY TECHNOLOGIES.
3. PLAN NOT TO BE USED FOR DESIGN.
4. SAMPLE POINT SYMBOLS ARE NOT TO SCALE.

GRAPHIC SCALE

0' 300' 600'

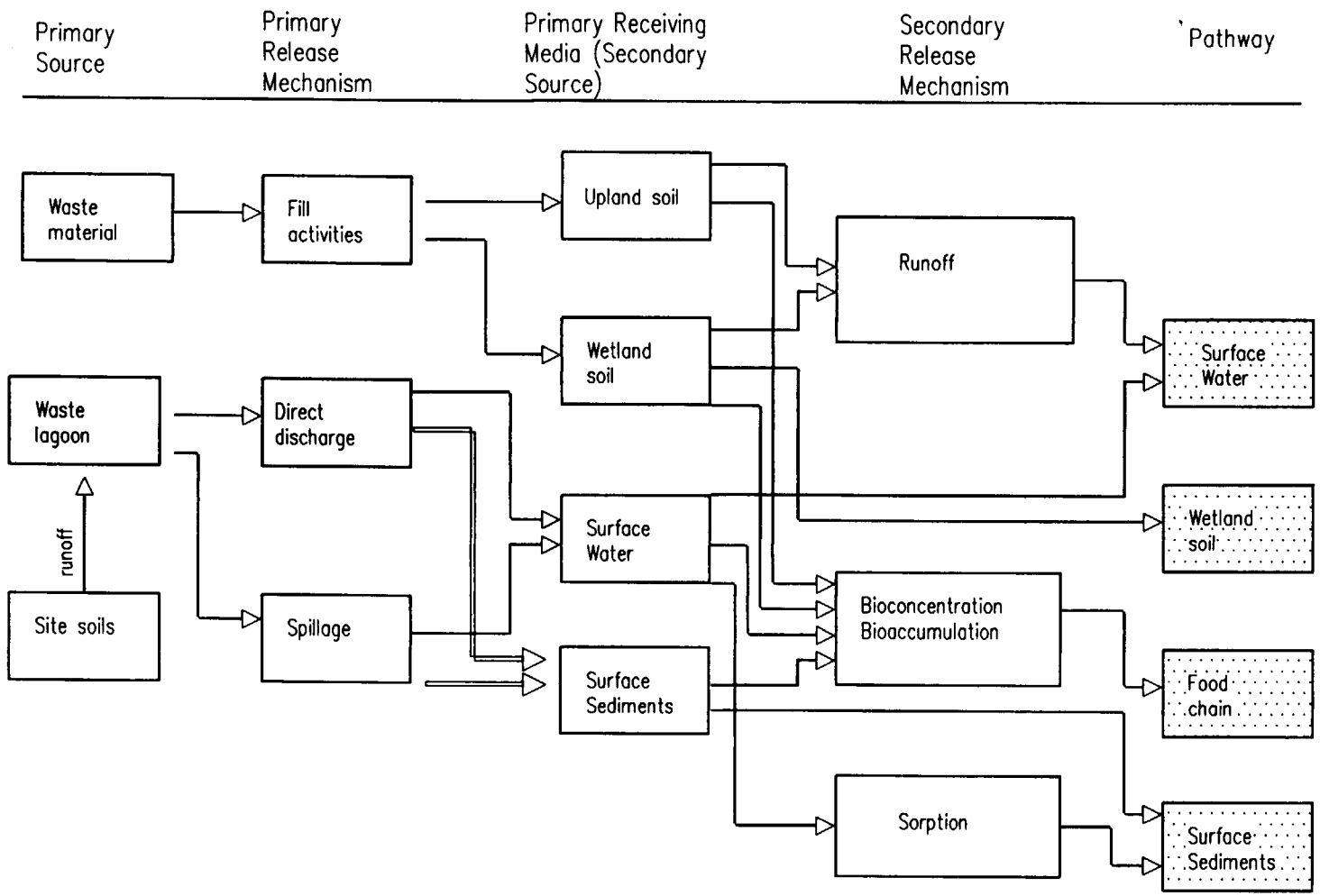
1 INCH = 300 FEET

HUMAN HEALTH RISK RECEPTOR GROUPS AND HOT SPOTS			FIGURE 6-1
REMEDIAL INVESTIGATION REPORT – AREA III			TETRA TECH NUS, INC.
RAYMARK – FERRY CREEK (OU3) – STRATFORD, CT			55 Jonspin Road Wilmington, MA 01887 (978)658-7899
DRAWN BY: D.W. MACDOUGALL		REV.: 0	
CHECKED BY: J. DANIELI		DATE: NOVEMBER 2000	
SCALE: 1" = 300'		FILE NO.: DWG\7491\0920\FIG_6-1.DWG	



NOTES:
1) PLAN NOT TO BE USED FOR DESIGN
2) ALL LOCATIONS TO BE CONSIDERED APPROXIMATE
3) REFERENCE LOCATIONS (NOT SHOWN) ARE LOCATED EAST AND SOUTH OF THE AREA II STUDY AREA

BIOLOGICAL SAMPLE LOCATIONS	FIGURE 7-1
RAYMARK - FERRY CREEK - OU3 - AREA III	TETRA TECH NUS, INC.
DRAFT FINAL REMEDIAL INVESTIGATION	
STRATFORD, CONNECTICUT	
DRAWN BY: D. A. CHISHOLM / DATE: NOVEMBER 7, 2000	55 JONSPIN ROAD WILMINGTON, MA 01887 (978)658-7899
SCALE: AS SHOWN / FILE: \RAYMKOU3\ECOLOC.APR	



Legend

- Major pathway
- Pathway
- Adsorption

PRIMARY CONTAMINANT PATHWAYS FROM THE RAYMARK INDUSTRIES FACILITY		FIGURE 7-2
RAYMARK OU3 AREA III REMEDIAL INVESTIGATION		TETRA TECH NUS, INC.
STRATFORD, CONNECTICUT		
DRAWN BY: J. R. PICCUITO	REV.: 0	55 Jonspin Road Wilmington, MA 01887 (978)658-7899
CHECKED BY: D. CHISOLM	DATE: NOVEMBER 2000	
	FILE NO.: DWG\7491\0900\FIG_7-2.DWG	

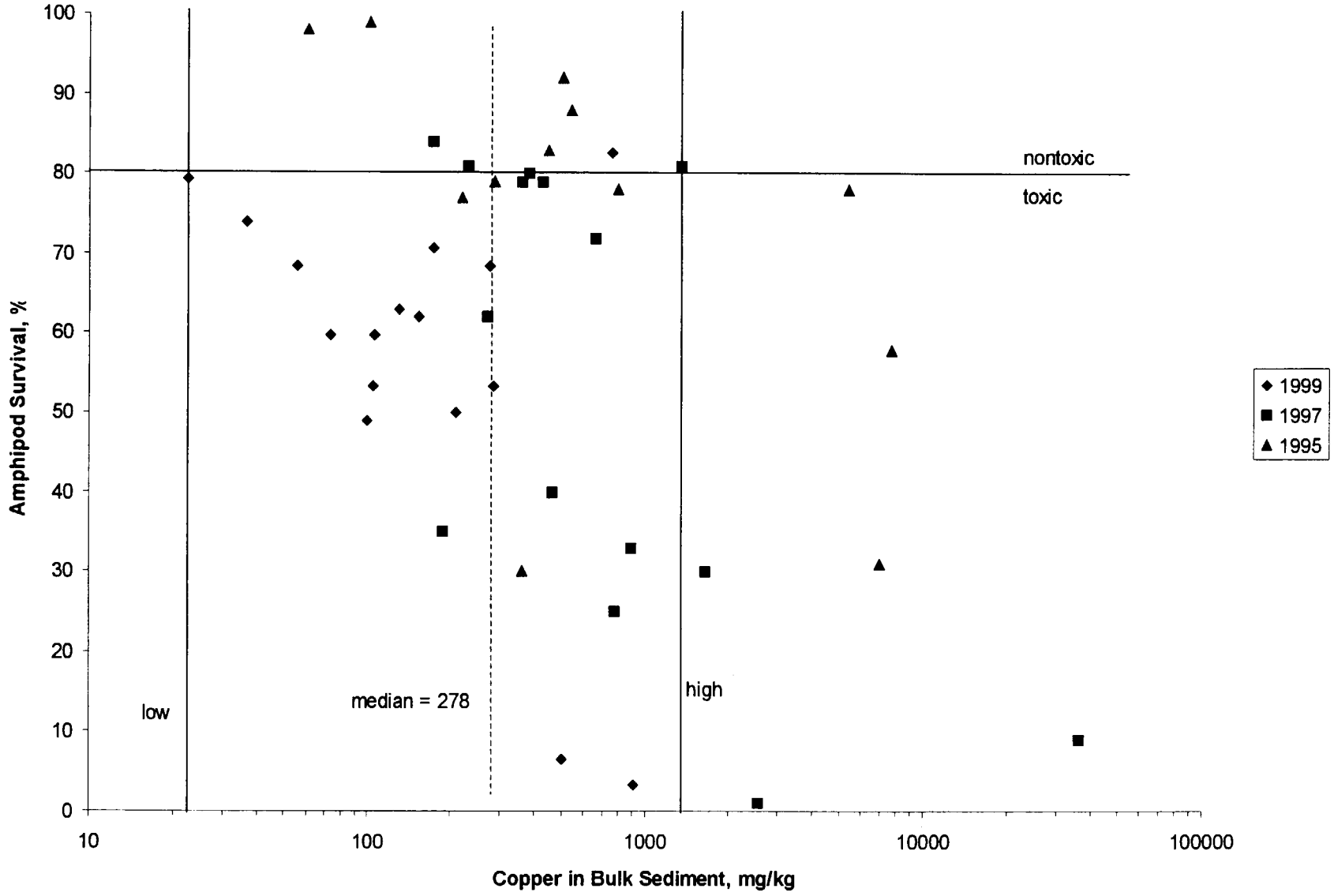



FIGURE 7-3
COMBINED AMPHIPOD SURVIVAL VS. SEDIMENT COPPER
DRAFT FINAL REMEDIAL INVESTIGATION – AREA III
RAYMARK – FERRY CREEK - OU3
STRATFORD, CONNECTICUT