

US EPA ARCHIVE DOCUMENT

SAMPLE LOG SHEETS

SEDIMENT CORES 2003

Field Log Sheet - Soil and Sediment Sampling

Project Site Name:

Industri-Plex OU-2 (Site # 0107)

*Judkins Pond near Town Hall /
Winchester, MA*

Sampling Location Name:

(Select: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River)

*Aberjona River / Davidson Park Area / off Brookside Ave. /
Winchester, MA*

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: 50°F sunny

Sampled By: DG/RF/KO

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.: Distance to river/water)	Other comment / Information
SC 11 12	2/21 1340	1-2'	black goop w/ H ₂ S odor	Davidson Park Pond (KO)	continued
SC 11 23	2/21 1350	2'-3'	black goop w/ cobbles & some grit (musky scent)		
SC 11 34	2/21 1355	3-4'	organic silt w/ trace fine sand		
SC 12 01	2/21 1445	0-1'	organic silt	Judkins Pond (KO)	
SC 12 12	2/21 1455	1-2'	organic silt w/ some sand		
SC 12 23	2/21 1500	2-3'	organic silt w/ some sand		
SC 12 34	2/21 1510	3-4'	dark brown organic silt w/ some fine sand <i>Green visible on mixed sediment</i>		

↑ Davidson Park area off Brookside Ave.
 ↓
 ↑ Judkins Pond near Town Hall
 ↓

Signature(s): *[Signature]*

Chain of Custody Number(s): _____

Changes in red 6/21 by pd. et al.

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107) *Winchester, MA* *Woburn, MA*
 Sampling Location Name: Aberjona River *DAVIDSON PARK AREA off Brookside Ave.* *HBHA near Cabot Road*
 (Select: Cranberry Bog, HBHA Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River). *KO*

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: ~45°F - sunny

Sampled By: DA/KO/RF

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, <u>Type</u> : Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.: Distance to river/water)	Other comment / Information
SC 01 01	2/21 1025	0-1'	black, organic muck	↓ HBHA Wetland (KO)	↓ HBHA near Cabot Road
SC 01 12	2/21 1030	1-2'	2" black organic muck 22" tan medium sand		
SC 01 23	2/21 1040	2-3'	24"-28" - tan med. sand 28-30" - humic peat 30-36" - sandy peat		
SC 01 34	2/21 1048	3-4'	36-48" - med. sand		
SC 02 01	2/21 1120	0-1'	organic silt w/ phrag root		
SC 02 12	2/21 1127	1-2'	organic muck w/ fine phrag roots		
SC 02 23	2/21 1135	2-3'	black muck w/ light sand		
SC 02 34	2/21 1145	3-4'	med. sand w/ some organic matter		
SC 11 01	2/21 1315	0-1'	black goop w/ detritus	↓ Davidson Park Pond (KO)	
SC 11 01D	2/21 1315	0-1'	dupe of SC 1101	↓	continued

Davidson Park Area off Brookside Ave. ↓

Signature(s): *[Signature]* _____

Chain of Custody Number(s): _____

Changes in row 6/21/07 D.J. Shaw

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107)
 Sampling Location Name: ^{upstream} Cranberry bog & Salem St A Sediment Cores ^{woburn, MA}
 (Select: Cranberry Bog, NBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River).

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: Sunny, ~36° F

Sampled By: D. Granz L. Thot

Just upstream of system street bridge
 Cranberry bog near river

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.: Distance to river/water)	Other comment/Information
SC08 01	2/24/03 13:05	0-1'	Dark brown sed. silt	adj. to Aber, Auto parts, ~40' into pond near residence	~1' water above sed. core.
SC08 12	2/24/03 13:09	1-2'	Dark brown sed silt; some coarse sand at lower/deeper point (last 2")	Wells G+H wetland (KO)	
SC08 23	2/24/03 13:21	2-3'	saturated sand (med.) w/ some silt	"	
SC08 34	2/24/03 13:26	3-4'	saturated; sand (med.) w/ some organic silt	"	
SC09 01	2/24/03 14:45	0-1'	~1" peat & remainder med/coarse sand w/ few cobbles	6' from edge of Aberjona, in Cranberry bog	1st 6" were frozen & removed
SC09 12	2/24/03 14:50	1-2'	top 6" - sand Lower 6" - peat, detritus	Cranberry Bog (KO)	
SC09 23	2/24/03 15:02	2-3'	small amt. of sand, largely silty mud.	"	SC09 a real pic. included
SC09 34	2/24/03 15:10	3-4'	saturated, silty mud, some gritty sed. within	"	

Signature(s): [Signature]

Chain of Custody Number(s): _____

changes in red checked by [Signature]

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107)

Sampling Location Name: ^{upstream of} Salem St. ICE Remed. (DAN) ; Aberjona River / HBHA
 (Select: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River). Woburn, MA

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: Sunny, ~20° F

Sampled By: D. GRANZ L. THUOT

Aberjona River near proposed boardwalk

HBHA near Park Elmer Co

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.: Distance to river/water)	Other comment / Information
SC07 01	2/26/03 13:06	0-1'	Dark brown, saturated. Organic odor. Muddy silt w/ organic matter, roots	Aber. river wetlands by maint. wells (Salem St)	~100' off shore into wetlands
SC07 12	2/26/03 13:12	1-2'	Dark brown, saturated. Silty + organic material/peat. Some fibrous organics/roots.	Wells G&H wetland (KO)	"
SC07 23	2/26/03 13:23	2-3'	Primarily organic peat; dark brown, saturated. Some fine silt.	"	"
SC07 34	2/26/03 13:30	3-4'	Dark brown, saturated organic peat; thick. Some roots/needles mixed in.	"	(includes aerial pic. shot)
SC03 01	2/26/03 14:31	0-1'	Silty, peaty mud. Some sand at bottom, of interval. Phragmites remains also.	In open wetland area behind Park Elmer.	~1' of water above sed. core sample.
SC03 12	2/26/03 14:39	1-2'	Medium sand + some dark brown fines. Saturated.	HBHA Wetland (KO)	"
SC03 23	2/26/03 14:45	2-3'	Med/fine light brown sand; very uniform. Saturated.	"	"
SC03 34	2/26/03 14:52	3-4'	Med/fine sand, light brown brown and saturated.	"	(includes an aerial picture)

Signature(s): [Signature]

Chain of Custody Number(s): _____

Changes in red 6/21/07 [Signature]

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107)
Winchester, MA
 Sampling Location Name(s): Upper Mystic Lake / Boardwalk (proposed) AREA between Olympia and Salem street
 (Select: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River). Woburn, MA
 Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: sunny 20°C
 Sampled By: D. [unclear] [unclear]
 ADD: N 910361, 32537
 E 229 324, 9957
 MA

Sample ID	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.; Distance to river/water)	Other comment / Information
SC13 01	2/21/03 1005	0-1' w/ 5 1/2'	dark brown fine silt organic muck no odor	250' from shore Upper Mystic River Forebay (KO)	feed and L.S. SC13 of D 23
SC13 12	2/27/03 1015	1-2'	12" x 20" dark brown fine silt organic muck 20-24" wood pieces	↓	
SC13 23	2/27/03 1025	2-3'	organic silt with white peat and wood fragments		
SC13 34	2/27/03 1040	3-4'	gooey peat with trace gravel		
SC06 01	2/27/03 1230	1-2'	dark brown peat w/ fragmty		50-60 ft from shore Wells G+H Wetland (KO)
SC06 12	2/27/03 1240	1-2'	dark brown, fine silt peat w/ fragmty	↓	
SC06 23	1245	23	organic w/ some fine sand, dark brown silt		
SC06 34	1252	34	organic silt w/ some sand, last 4" fine sand		
SC05 01	1358	0-1'	organic silt w/ fine medium sands and roots	In front of Beaver dam; 25' from shore	
SC05 12	1355	12	same as above	Wells G+H Wetland (KO)	continued

Signature(s): [Signature] _____

Chain of Custody Number(s): _____

changes in note 6/16/04 D.D. [unclear]

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107)

Sampling Location Name: Aberjona River at Boardwalk (proposed) area, between Olympia and Salem streets, Woburn, MA
 (Select: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River).

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: 26° F sunny

Sampled By: D. Gagne J. Beate L. O'Neil

* near proposed boardwalk between Olympia and Salem street ↓

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.; Distance to river/water)	Other comment/Information
SL0523	2/27/03 1404	23	organics w/ fine silts and sands with plant roots. dark brown/black color	Wells G+H Wetland (KO)	Continuation
SL0534	1410	34	organics with little sand and roots, dark black color.	↓	

Signature(s): *D. Gagne*

Chain of Custody Number(s): _____

changes in red 6/21/07 J.D. Jones

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107)

Sampling Location Name(s): HBHA woburn, MA
 (Select: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River).

Sample Type: Surface Soil Surface Sediment Sediment Core QA/other: _____

Weather Conditions: Sunny, windy, high ~ 25°F

Sampled By: D. GRANZ L. TAVOT

HBHA just upstream of misthered rd

Sample Loc. #	Date & Time	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.; Distance to river/water)	Other comment/Information
SCO4 01	2/25/03 11:00	0-1'	Silt; trace of sand & grit. Saturated, dark brown. some organic matter	About ~100' from bank into pond; near Atlantic Co.	includes duplicate # SCO4D01
SCO4 12	2/25/03 11:06	1-2'	Silt & sand; ~1" cobbles Saturated, dark brown	HBHA Pond 3 (KO) "	SCO4 includes are a pic - (TJmax sign)
SCO4 23	2/25/03 11:13	2-3'	~2.5" hit yellow sand (fine). Remainder = Silty mud; Saturated, dark brown.	"	
SCO4 34	2/25/03 11:23	3-4'	Saturated; fine yellow sand; some stone & some silt (minor)	" ↓	

Signature(s): [Signature] _____

Chain of Custody Number(s): _____

changes in red 6/21/04 [Signature]

Latitude (decdeg)	Longitude (decdeg)	Northing NAD 83 (feet)	Easting NAD 83 (feet)	Sampling Location	Correction Status	GPS Unit	Date	Time EST	Feature Type	File Name	Number of Positions	Datum
42.509456	-71.138673	3010891.921	753594.277	SC01	Differential	GeoExplorer 3	2/21/2003	10:53:13am	Point	R022115A.cor	31	WGS-84
42.508034	-71.138050	3010374.407	753764.458	SC02	Differential	GeoExplorer 3	2/21/2003	11:48:08am	Point	R022116A.cor	29	WGS-84
42.506519	-71.137575	3009822.832	753894.882	SC03	Differential	GeoExplorer 3	2/26/2003	02:47:56pm	Point	R022619A.cor	23	WGS-84
42.503946	-71.135855	3008887.116	754362.676	SC04	Differential	GeoExplorer 3	2/25/2003	11:12:38am	Point	R022516A.cor	23	WGS-84
42.496812	-71.132637	3006290.963	755241.628	SC05	Differential	GeoExplorer 3	2/27/2003	01:59:09pm	Point	R022718A.cor	25	WGS-84
42.495692	-71.131307	3005884.345	755602.076	SC06	Differential	GeoExplorer 3	2/27/2003	12:45:59pm	Point	R022717A.cor	24	WGS-84
42.493369	-71.131878	3005037.100	755451.736	SC07	Differential	GeoExplorer 3	2/26/2003	01:23:23pm	Point	R022618A.cor	22	WGS-84
42.491717	-71.129244	3004438.133	756164.747	SC08	Differential	GeoExplorer 3	2/24/2003	12:57:17pm	Point	R022417A.cor	24	WGS-84
42.487663	-71.123139	3002967.938	757817.846	SC09	Differential	GeoExplorer 3	2/24/2003	02:55:39pm	Point	R022419A.cor	27	WGS-84
42.487513	-71.123446	3002912.907	757735.282	SC10	Differential	GeoExplorer 3	2/24/2003	03:38:14pm	Point	R022420A.cor	23	WGS-84
42.468292	-71.130153	2995900.244	755956.598	SC11	Differential	GeoExplorer 3	2/21/2003	02:03:58pm	Point	R022119B.cor	25	WGS-84
42.454600	-71.134735	2990905.133	754741.702	SC12	Differential	GeoExplorer 3	2/21/2003	03:01:57pm	Point	R022120A.cor	29	WGS-84
42.443443	-71.143642	2986829.024	752354.979	SC13	Differential	GeoExplorer 3	2/27/2003	10:59:46am	Point	R022715A.cor	27	WGS-84