Sediment Sample Logs
July 2002 – April 2004
(EPA New England
Regional Laboratory)

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Cranberry Bog
(*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: fair skies, sunny, high temp. ~ 78°F

Sampled By: Dan Granz

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
CB04-05 (re: picture labeled CB-05 error)	7/11/02 10:38AM	0-6"	All peat, saturated, dark brown/black. no odor	~15-20 ft off dirt path before bridge in wetland/bog.	Sed. was submerged in H_2O.
CB04-06 (so field up.)	7/11/02 10:46AM	0-6"	"	~15' off path before bridge (opp. side of CB04-06) in bog area	sed. not submerged, at H_2O table.
CB04-04	7/11/02 10:57AM	0-6"	0-2" → peat; dark brown, moist but not saturated. 2"-6" → sand no odor	~50' from river in bog, off narrow path around brush	no H_2O at surface. Many phragmites
CB04-07	7/11/02 11:05AM	0-6"	0-4" → peat; dark brown, saturated 4-6" → sand no odor	~60' from river in marsh area; opp. side of path leading to bridge	Dense, wooded cover/brush
CB04-03	7/11/02 11:15AM	"	All peat; moist not saturated or below H_2O table. Brown (dark) color. no odor	~60' from river; in bog off dirt path	phragmites in area
CB04-02	7/11/02 11:23AM	"	Peat; dark brown/black, saturated. no odor	~75' from river, in channel at bog edge.	grasses/ brush nearby
CB04-01	7/11/02 11:30AM	"	All peat, saturated, dark brown no odor	~75'-100 from river in channel	grasses/brush surrounding sample submerged
CB04-08	7/11/02 11:39AM	"	" except some organic odor	(150+) ft from river, in marsh area with brush, weeds, etc.	sample submerged
CB04-09	7/11/02 11:48AM	"	All peat, saturated, dark brown. No odor	200+ ft. from river in marsh. Area of brush, weeds, trees.	"
CB04-10	7/11/02 11:55AM	"	"	~150' from river in marsh area. Trees, brush, etc.	"

Signature(s): _____

Chain of Custody Number(s): _____

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

Weather Conditions: Fair skies, sunny, high ~ 78° F

Sampled By: Dan Granz

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
CB06-10 (includes field dup.)	7/11/02 13:50	0-6"	Peat 0-4" Rich, brown-black color Sand 4-6" saturated, no odor	In channel, ~10' from river woods area	channel somewhat dry at surface, water below
CB06-09	7/11/02 13:58	0-6"	Peat 0-2" Sand 2-6" med. brown color; saturated	In channel ~40' from river woods area	channel H2O / wet at surface
CB06-08	7/11/02 14:05	"	All peat Dark brown in color saturated	In channel ~70' from river woods area	"
CB06-07	7/11/02 14:11	"	"	In channel, ~100' from river woods area	"
CB06-06 (CB06-08 ?)	7/11/02 14:18	"	"	In channel ~150+ ft from river woods area	sample submerged under water & vegetation
CB06-05	7/11/02 14:25	"	All peat, dark brown/black color, saturated, no odor.	In channel, ~150' from river woods area	A lot of roots and vegetation at channel surface
CB06-04	7/11/02 14:40	"	Peat & roots 0-1" sand: 1-6" med. brown color, saturated. some organic odor	In channel, ~150' from river; in woods area.	Sample submerged under surface water, decaying leaves at surface
CB06-03	7/11/02 14:47	"	All peat 0-6"; Saturated (mixed w/ decaying leaves at surface) med. brown color; some organic odor	"	"
CB06-02	7/11/02 14:58	"	All peat (0-6") rich med. brown, saturated	"	"
CB06-01	7/11/02 15:07	"	"	"	"

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Sampling Location Name: Cranberry Bog
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Sample Type: ☒ Surface Soil ☐ Surface Sediment ☐ Sediment Core ☐ QA/other: _____

Weather Conditions: Fair skies, sunny, high ~ 78°F

Sampled By: Dan Granz

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
CBOS-10 (lus-dup. eld)	7/11/02 8:20AM	0-6"	loam w/ some cobbles; med. brown in color. No odor	Adjacent to bog off dirt foot path (5ft) under tree cover. ~5ft to bog	low moisture content, loose soil
CBOS-09	7/11/02 8:34AM	0-6"	loam/gravel. Lighter brown NO odor	Adj. to bog (west side) off dirt foot path (5ft) under tree cover. ~5ft to bog; ~100-150ft River	"
CBOS-08	7/11/02 8:43AM	"	All loam. - Med. brown color	"	homogen., loose soil type, low moisture
CBOS-07	7/11/02 8:52AM	"	All loam. Med/dark brown in color. NO odor	"	"
CBOS-06	7/11/02 9:02AM	"	"	"	"
CBOS-05	7/11/02 9:10AM	"	"	"	"
CBOS-04	7/11/02 9:20AM	"	mostly loam, some gravel med. brown color, no odor	Adj. to west side of bog, at corner of foot path; ~100-150ft from river	"
CBOS-03	7/11/02 9:27AM	"	Stones, sand, and loam light-med. brown color; no odor	Across from foot path in open area near brush.	very loose, low moisture
CBOS-02	7/11/02 9:36AM	"	Loam and some small stones med-dark brown in color	~36 Ft. from wet bog area; 5ft off dirt path	under tree cover. Also - loose, low moist. soil
CBOS-01	7/11/02 9:44AM	"	Stones, cobbles, some roots sand/loam/stone overall	"	"

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

Sampling Location Name: Cranberry Bog
(*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: Fair skies, sunny, high of ~78°F

Sampled By: D. Granz

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
CB07-02	7/11/02 10:10AM	0-6"	peat; wet thick texture/saturated med. brown color. organic odor, poss. sediment vs. soil?	In wetland/bog area. ~50' from river. Saturated	cattails primary vegetation; some phragmites
CB07-04	7/11/02 10:25AM	"	peat; at 0-6" is peat, below 6" is sand. Saturated.	In wetland/bog. ~75' from river	"
CB07-05	7/11/02 1:25PM	"	Peat 0-4" med. brown color Sand 4-6" no odor saturated	In marsh area trees, brush ~150' from river.	small trees, brush vegetation
CB0703	7/11/02 12:05PM	"	peat 0-6", (sand below 6"). med. brown. saturated. NO odor	Bog area, ~50' from river.	phragmites, tall grasses.
CB07-01	7/11/02 1:00PM	"	All peat, saturated, rich brown/black color. NO odor.	In middle of bog, ~100' from river	primarily cattails & grasses for vegetation
L.T.			~~Peat 0-4"~~ L.T. ~~Sand 4-6"~~	L.T.	
CB07-06	7/11/02 15:20	"	Peat: 0-1" soil is moist, close to saturated sand: 1-6" med. brown color, no odor	In bog w/ woods, (short trees/brush) ~75+' from River	thick brushy vegetation, no surface H_2O visible

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

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

Sample Type: [X] Surface Soil ☐ Surface Sediment ☐ Sediment Core ☐ QA/other: _____

Weather Conditions: Fair skies, sunny high temp ~ 78°F

Sampled By: Dan Granz

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
DAP01 (incl. field dup)	7/11/02 15:44	0-6"	sandy, silty texture. 0-5" Light brown, granular At 5-6" → loam-like. Low to no moisture	Bank of Aberjona River, near cross-under of wash. St.	wooded area
DAP02	7/11/02 15:54	"	very fine loam, no sand Light-med. brown color no odor	Bank of Aberjona River, (downstream of wash. St. bridge)	GPS # E071120C wooded area
DAP03	7/11/02 16:00	"	"	"	GPS # E071120D wooded area
DAP04	7/11/02 16:08	"	Loam with lots of roots med. brown color, low moisture.	"	GPS# E071120D WOODED AREA
DAP05	7/11/02 16:14	"	sand: 0-1" Light brown Loam: 5-6" Low to no moisture.	"	WOODED area other GPS# E071120A

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107) 7/12/02

Sampling Location Name: Leonard Pool - Sediment sample locations
(*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: Clear 70°-75° Sunny

Sampled By: D. Grant, J. Keefe, Jessica Danielli (TetraTech)

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
LP10 @ 0859	7/12/02	4" below water	depth of water 4"; Top layer 1" silt 1-6" sandy silt, no odor, Brown color saturated	Stream, vegetated some gravel and fines (upstream) along bank; (75' from RR Bridge)	picture 8+9 disc 3
LP09 @ 0908	7/12/02	0-6"	Silt, sand, cobbles, Brown color No odor. saturated	Taken on bank 3' from waters edge; location was under water previous day (50 ft from DAM) downstream	picture #10 Disc 3
LP08 @ 0935	7/12/02	2ft to Bottom 0-6" sed.	Brown silt, sand, No odor w/ Fines saturated	• Sample taken 1 ft from Bank • 2ft of water • stream - slight flow (50 ft upstream from DAM)	picture #11 1ft
LP07 0950	7/12/02	1.5 ft to Bottom 0-6" sed.	sandy with cobbles, fines, Brown color No odor saturated	• 1.5 ft from side of Bank; • 1.5 ft of water. • Stream (@ 50 ft upstream from LP08)	picture #12 Note: downstream of concrete outfall pipe.
Duplicate LP06 1012	7/12/02	1 ft to Bottom 0-6" sed	(pure) Silt, Brown color, no odor saturated	• 1 ft from Bank • water depth 1 ft. • Stream - slight flow	picture 13 • Duplicate Taken here
LP05 1030	7/12/02	2ft water 0-6" sed	mostly silt, some leaves and sticks Dark Brown, No odor saturated	• 1/2 ft from Bank • 2ft water • stream slight flow	- picture 14
LP04 1047	7/12/02	1 ft of water 0-6" sed	SILT Twigs and Leaves, Dark Brownish color, No odor, saturated	• 1/2 ft from Bank, • 1 ft water depth, • stream Slight Flow	- picture 15
LP03 1105	7/12/02	1	SILT, Roots (Twigs), Dark Brownish color, saturated, No odor	• 1.5 ft (depth of water) • 1.5 ft from bank • stream slight flow	- picture 16
LP02 1125	7/12/02	1 ft of water 0-6" sed.	MOSTLY SILT, stones, roots (twigs), Dark Brownish color, No odor, saturated	• 1 ft (depth of water) • 1 ft from Bank • stream - Slight Flow	- picture 17
LP01 1136	7/12/02	1.5 ft of water 0-6" sed	combination Silt, roots, (twigs), sand, leaves (very little silt) Brownish color saturated	• 1.5 ft. (depth of water) • 1.5 ft from bank • stream w/ slight flow	- picture 18 End of Disc

Signature(s): _____

_____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

Project Site Name: Industri-Plex OU-2 (Site # 0107) 7/12/02

Sampling Location Name: Salem St. Residence
(*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 80°

Sampled By: D. Franz, J. KEEFE

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
WSS01	7/12/02 1419	soil 0-6"	Surface Soil, Loam with very little rocks Brown, no odor, dry	Backyard, overgrown veg. woods, 54ft from WSS#2 ≈ 70ft from river	pic. 1
WSS02	7/12/02 1432	soil 0-6"	Brown, no odor, mostly Loam w/ pine Roots, dry	18.5 ft from River under pine tree / grass Area	pic 2 * Note: DUPLICATE TAKEN HERE
WSS03	7/12/02 1441	66"	All LOAM, Brown, no odor, dry	≈ 65-70ft from river	pic 3
WSS04	7/12/02 1450	0-6"	Loam, Brown, no odor, dry	≈ 24'ft to river ≈ 100 ft to Road, Salem st grass area	pic 4
WSS05	7/12/02 1500	0-6"	Loam, Brown, no odor, dry	≈ 36ft from Road salem st. ≈ 31ft from river	pic 5

Floppy Disc 4

Disc 4

Signature(s): _____

_____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA
(*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, humid, light wind, ~90°F

Sampled By: D. Granz

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
BSO-03	7/15/02 9:52	0-6"	Loam, Silty, light brown no moisture, no odor	wetland on hill, ~10' above drainage channel	thick vegetation, many phragmites
BSO-02	7/15/02 10:10	"	Combo. of loam, sand, silt. no moisture, light brown color. no odor.	"	"
BSO-01	7/15/02 10:28	"	roots, sand, stones, some loam. No moisture, loose. no odor	Brush at top of embankment/hill. Channel below	Surrounded by ~8' high trees, brush.
BSO-04	7/17/02 13:28	"	Coarse, Clay-like, W/stones. Very dry. Light brown color. no odor.	on small hill above drainage channel near Teradyne.	GPS# N071717A area full of phragmites

Disk # 6 pic # 8

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA
(*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, humid, light

Sampled By: D. Granz

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
BE08	7/15/02 10:00	0-6"	thick, dark-colored sediment: peat, decaying leaves, twigs, etc. Dark brown. Hi H_2O/saturated	±n drainage channel	thick, vegetative cover, small trees
BE09	7/15/02 10:14	"	peat, roots/leaves, etc. twigs dark brown color, no odor. close to saturation	"	"
BE10	7/15/02 10:33	"	leaves, twigs, sediment dark brown/black saturated	"	"
BE11	7/15/02 10:44	"	twigs, sediment, ~~silt~~ lt. silt, saturated, dark brown no odor.	"	" also: phragmites

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA

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

Sample Type: [X] Surface Soil ☐ Surface Sediment ☐ Sediment Core ☐ QA/other: _____

Weather Conditions: Sunny, humid, high ~ 90° F, light breeze

Sampled By: D. Granz

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
HB04-01 (incl. a field dup.)	7/15/02 11:15	0-6"	Sandy-silty, fill-like, stones. Light brown. NO moisture no odor	Just off (~5') a dirt access Rd. near Teradyne Co.	Trees, brush. NO water/river, etc. in view.
HB04-02	7/15/02 11:24	"	0-4" = all loam (no moisture) 4-6" = white/yellow sand	"	"
HB04-03	7/15/02 11:33	"	Sandy loam, many roots Stones; light brown color no moisture no odor	"	"
HB04-04	7/15/02 11:38	"	0-4" - loamy, sand 4-6" - white-ish sand, w/stones no moisture no odor	"	"
HB04-05	7/15/02 11:45	"	Sandy texture, roots, small stones. Light brown color. no moisture. no odor.	"	"
HB04-06	7/15/02 11:52	"	"	"	"
HB04-07	7/15/02 11:59	"	Sandy texture w/ stones, roots no odor. no moisture. Light brown color.	"	"
HB04-08	7/15/02 12:05	"	yellow sand; color - light brown very fine, loose. No stones. NO moisture. NO odor	"	"
HB04-09	7/15/02 12:13	"	Sandy, stones, roots; light brown color. NO moisture. Loose texture NO odor.	"	"
HB04-10	7/15/02 12:19	"	All sand, some small stones Light brown; no moisture no odor. Loose texture.	"	"

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA
(*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: Partly cloudy, humid, high ~ 90°F

Sampled By: D. Granz

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	
HB03-11 (vel. ← Field dup.)	7/15/02 13:17	0-6"	Peat, loam; dark brown/black; saturated. NO odor.	wetland area adj. to Atlantic Co. property.	downslope area; cat tails, brush, low trees	DISK# 5 pic# 1
HB03-12	7/15/02 13:30	"	Peat material, not saturated dark brown/black color. NO odor	"	"	pic# 2
HB03-13	7/15/02 13:38	"	All peat; dark brown/black. Close to saturation.	"	downslope area; Brush, marsh Reeds. trees	pic# 3
HB03-14	7/15/02 13:46	"	"	"	downslope area. sm. trees, brush, phragmites	pic# 4
HB03-15	7/15/02 13:54	"	All peat; dark brown/black. Saturated	"	"	pic# 5
HB03-16	7/15/02 14:03	"	All peat w/ roots; has orange stain (some metal debris nearby). Saturated.	wetland area adj. to backparking lot of Atlantic Co.	downslope area, trees, brush, etc.	pic# 6
HB03-17	7/15/02 14:14	"	All peat w/ roots; rich dark brown color. Close to saturation.	"	" (also phragmites)	pic# 7

Signature(s): D. Granz

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA
(*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: Partly cloudy, humid, high ~90°F

Sampled By: D. Granz

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	Disk# 5
HB02-17	7/15/02 14:40	0-6"	Peat; dark brown/black. Close to saturation no odor	in wetland; off dirt access road near Teradyne/Cabot Rd.	~~~~ L.T. near train tracks; ~150' Brush, trees, phragmites. no surface water nearby.	pic# 8
HB02-16	7/15/02 14:48	0-6"	0-3" → peat (dark brown) no odor 3-6" → sand not quite saturated	"	"	pic# 9
HB02-15	7/15/02 14:57	"	Saturated peat; rich dark black/brown color. Many roots no odor	"	"	pic# 10
HB02-14	7/15/02 15:10	"	peat, dark brown saturated. no roots; no odor	"		pic# 11
HB02-13	7/15/02 15:20	"	dark/black peat? and some silt, roots, leaves, etc. organic odor. very saturated	"	"	pic# 12
HB02-12	7/15/02 15:32	"	saturated, thick peat; dark brown color. no odor	"	"	pic# 13
HB02-11	7/15/02 15:44	"	all peat; med-dark brown. close to saturation. no odor.	"	"	pic# 14

Signature(s): [signature]

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Wells G&H
(*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, mild, med. humidity, high near 75°f

Sampled By: D. Granz

Note: Using GPS "NEWS2" unit.

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 camera disk #5
BW01 (ind. 1 field dup.)	7/17/02 9:02	0-6"	thick black organic material; twigs, leaves, etc, saturated. organic odor	In channel bed; a muddy tributary to Aberjona (about 25' from river). Near Wells G&H	GPS# N0717 12A Pic # 15
BW02	7/17/02 9:19	"	Silty, ~~black~~, thick organic matter. saturated. Dark brown color no odor	In wetland area, ~100' from river.	GPS# N0717 13A Pic # 16
BW03	7/17/02 9:32	"	Silty, thick organic matter w/ orange tint, dark brown. Saturated. no odor	"	GPS# N0717 13B Pic # 17 NOTE PIC # IS OVE AREA PIC
BW04	7/17/02 9:45	"	Silty, thick organic matter. 0-1" = dark brown 1-6" = black color, silty material no odor	In wetland area, ~150' from river	GPS# N0717 13C Pic # 19
BW05 LD	7/17/02 9:58	"	" "	In wetland area, ~100' from River	GPS# N0717 13D Pic # 20
					~~GPS# N0717 14A~~ L.T

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA

(*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, warm high ~ 80°f

Sampled By: D. Granz

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	Disk # 6
BE04	7/17/02 13:42	0-6"	Brown peat; thick. Close to saturation. No odor.	In wetland, downslope from BE area cap (cov'd w/ gravel)	GPS# NO71717B	pic #9
BE05	7/17/02 13:55	"	Thicy dark brown/black peat. Close to saturation. No odor.	In marshy bog area, surrounded by brush, trees.	GPS# NO71717C	pic# 10
BE06	7/17/02 14:08	"	" "	In wetland, down-slope of large silver BE concrete tower supports.	GPS# NO71718A	pic# 11
						pic # 13 is areal view of BE area.

Signature(s): Dan S. Granz

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: HBHA
(*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, mild high ~ 80° F

Sampled By: D. Granz

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 Disk #6	Disk Pic #
AR06 (incl. field dup.)	7/17/02 10:45	0-6"	0-0.75" = brown color 0.75"→6 = dark brown. Some odor. silt, sand, twigs. saturated.	on edge of river channel. Thick brush, tree cover, some phragmites	GPS# N0717 14A Gps done ~25' NE due to power lines overhead	pic 1
AR05	7/17/02 11:00	〃	many roots, organic material, twigs, etc. Dark brown color. no odor.	open area of river, adj. to wetlands, trees, purple loosestrife	GPS# N0717 14B	pic # 2
AR04	7/17/02 11:26	〃	vegetation/decaying matter. overly saturated. Leaves, twigs, etc. Brown/black color, LOW solids %.	surrounded by phragmites In wetland near edge of river channel ~3' away.	~~GPS# N0717 15A~~ GPS # N0717 15B	L.T. pic # 4
AR03	7/17/02 11:12	〃	vegetative matter (twigs, etc), silt. Dark brown/black color saturated; no odor	on edge of river, next to open channel. Brush, trees, phragmites.	GPS# N0717 15A	pic # 3
AR02	7/17/02 11:45	〃	〃 〃	At edge of river channel, surrounded by trees, brush, phragmites on banks.	~~GPS# N0717 15B~~ L.T. GPS# N0717 15C	pic # 5
AR01	7/17/02 12:09	〃	Dark brown organic peat matter w/ sticks, twigs, leaves, etc. no odor. saturated	In river channel. shaded/surrounded by brush, low trees.	GPS# N0717 16A	pic # 6
						note pic # overall Aberjona river area near AR01

Signature(s): D. S. Granz

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Wells G & H
(*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, high humidity, temp. ~85°f

Sampled By: D. Granz

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 GPS#	Disk 6
incl. field dup.) WGH-06	7/18/02 8:05	0-6"	Organic material - peat, leaves, etc. Brown color. NO Odor. Saturated	Edge of wetland adjacent to Aberjona Auto parts (NO. side) cannot see river or water.	N071812A	pic 14
WGH-07	7/18/02 8:23	"	" "	"	GPS# N071812B	pic# 15
WGH-08	7/18/02 8:35	"	Organic material - peat mixed w/ twigs, phragmite leaves, etc. well-saturated, dark brown, No odor.	"	GPS# N071812C	pic# 16
WGH-09	7/18/02 8:50	"	Organic material - peat, well Saturated, No leaves or twigs No odor.	"	GPS# N071812D	pic 17
WGH-10	7/18/02 9:07	"	Black organic matter w/ roots very well saturated. Organic odor	edge of surface water bordering wetlands, adjacent to North side of Aber. Autoparts	GPS# N071813A	pic #18
WGH-11	7/18/02 9:42	"	Roots, leaves, other decayed matter. Some sand near bottom (~6" down). very saturated dark brown/black	"	GPS# N071813B	Disk #7 pic# 1
WGH-12	7/18/02 10:00	"	Roots, peat, thick matter. saturated, dark brown. No odor	"	GPS# N071813C	pic 4
WGH-13	7/18/02 10:12	"	Very fine black silt/sediment. very saturated. organic odor.	edge of surface water bordering wetlands. near NE edge of Aber. Auto parts	GPS# N071814A	pic 5
WGH-14	7/18/02 10:32	"	roots, thick dark brown matter (near a large tree). very saturated some organic odor.	edge of wetland ~25' from surface water, cattails, loosestife	GPS# N071814B	pic # 6
WGH-15	7/18/02 10:55	"	roots, some sand and stones, some silty material. Dark brown No odor.	edge of surface water, wooded area nearby. Brush, loosestife. East side of Aber. Auto parts	GPS# N071814C (~40' from Aber. River)	pic #7

Note: pic #2, 3 on Disk #7 are area pics. at 2 of wetland/autoparts boundary (near sites -11)

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: KRAFT FOOD
(*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: CLOUDY, HUMID, 75°F RAIN IN AM PRIOR TO SAMPLING

Sampled By: D. GRANZ J. Keefe R. Fisher

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
KFSO-05	9/4/02 1020	0-6"	Dark brown, peat, loam soil very moist; not 100%	at river bank (top) 2' from water	20 FT upstream of old dam
KFSO-05D	9/4/02 1020	0-6"	FIELD DUPLICATE of KFSO-05		
KFSd-05	9/4/02 1050	4" H2O 2" sed	brown sandy silt, twigs	~1½' off bank (at KFSO-05 location)	20 ft upstream of old dam
KFSd-05d	9/4/02 1050	4" H2O 2" sed	brown sandy silt, twigs field dupe of KFSd-05		
KFSO-01	9/4/02 1110	0-6"	Dark brown, peat, loam soil	at river bank ≈ 2ft From river	Flood Plain veg.
KFSd-01	1120	4" H_2O 0-6" sed	brown sandy silt	~1' off bank (at KFSO-01)	
KFSO-02	1135	0-6"	brown loam	~2' from top of bank	
KFSd-02	~~1137~~ RF 1143	4" H2O ~~0-6" sed~~ RF 3" sed	brown sandy silt	~1 ft into water	
KFSO-03	1150	0-6"	brown loam	~2' from top to bank	
KFSd-03	1200	4" H2O 0-4" sed	brown sandy silt	~1' into water	

Signature(s): [signature]

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Kraft Food / WGH (sampling also)
(*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: 80°F, humid, Partly Sunny

Sampled By: D. Granz J. Beale R. Fisher

IL # / SK 8	Sample Loc. #	Date & Time 9/4/02	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.; Distance to river/water)	Other comment / Information
20	KFSO-08	1425	0-6"	Sand and Silt, Brown Dry		
21	KFSd-08	1430	2½" H2O 4" SED	sandy deposit		
21 / SK 9	WGH-~~01~~ RF -16	~~1518~~ RF 1528	0-4"	dark brown, loam, humus, twigs	3 ft from water edge	soil
~~23~~ 2	WGH RF ~~-16~~ 01	1518	0-2"	dark brown silt (roots)	sed. in 1" of water adjacent to WGH-~~01~~ RF -16	sediment
3	WGH-02	1545	1" H2O 2" SED	dark brown silt	at water's edge	sediment
4	WGH-17	1550	0-2"	dark brown sandy silt		soil
5	WGH-03	1615	0-4"	Silt w/ Sand	at water's edge. Adjacent to WGH-16	Sediment Soil Sample
6	WGH-18	1621	0-6"	Sand + Loam, few Roots, Brown, dry		Soil Duplicate
—	WGH-18D	1621	0-6"	"		Soil Field Duplicate
—	WGH-04	1629	0-2"	MOSTLY SILT w/ some sand	(waters edge adjacent WGH-19 soil sample	Sediment

Signature(s): David S. Granz

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: KRAFT FOOD
(*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: 80°F humid, rain stopped

Sampled By: D. Granz J. Beefe R. Fisher

Disk 8	Sample Loc. #	Date & Time 9/4/02	Depth	Soil/Sediment Description: (Color, Odor, Moisture, Type: Sand, Silt, Clay, etc.)	Location Description (Industrial, wetland, etc.; Distance to river/water)	Other comment / Information
10	KFSO-05 4 pts	1213	0-6"	brown loam w/ a little bit of sand		
11	KFSd-08 4 pts	1220	4-5" sed (2" H2O)	brown sandy silt	1½" into water	
12	KFSO-06	1317	0-6"	Roots, sand & loam, brown Dry		-06 thru -10 GPS'd w/ ~20' offset (actual line to right of GPS line)
13	KFSd-06	1325	0-1"	Sand, trace Silt, dk. brown.	water 6" deep water 1½' from River Bank.	-08 is ~35' offset to the right ore the actual pats as moving from -06 to -10
14	KFSO-07	1330	0-6"	Loam, stones, roots, trace Sand, brown, Dry		
15	KFSd-07	1337	0-2"	2" Sand, few sticks and Stones.	4" From Stone wall at River Bank.	
16	KFSO-09	1350	0-6"	Loam, trace sand, brown Dry	~~wat~~ 9/4/02	
17	KFSD-09	1359	0-6"	Sand + Silt, brown	Water 9" Deep ~1' from River Bank	
18	KFSO-10	1408	0-6"	Sandy loam, brown, Dry		
19	KFSD-10	1417	0-6"	Silt, Trace sand, cobbles, twigs	Water 4" Deep ~1' from River Bank	

Signature(s): [signature]

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: WELLS G & H (WGH) & Cabot Rd.
(*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: 80°F, PM cloudy, Humid / 9-30-02 clear 75°-80° dry

Sampled By: D GRANZ J. Beale R. Fisher

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
WGH-19	9/16/02 1636	0-6"	brown silty sand		soil
WGH-05	9/16/02 1643	0-4" sed 1" H2O	brown silt	within 1 ft of bank	sediment
WGH-20	9/16/02 1648	0-5"	brown silt w/ roots	in 1½' of water edge	soil
BE-02	9/16/02 1717	0-3"	brown peaty silt w/ detritus		soil
BE-01	9/16/02 1728	0-4"	brown loam		soil
BE-03	9/15/02 ~~1500~~ 1500	depth to bottom 3.5' 0-4" sediment	Blackish Brown silt w/ organic odor anaerobic	3½ ft. from shore.	Sediment

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Aberjona River / Winchester, MA Davidson Park Area off Brookside Ave / Woburn, MA HBHA Near Cabot Road

(*Select*: Cranberry Bog, HBHA (KO), 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: DG/KO/RF

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 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 SC1101		continued

Davidson Park Area off Brookside Ave.

Signature(s): _____

Chain of Custody Number(s): _____

Changes in red 6/21/07 D.S. Thorn

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: Aberjona River / DAVIDSON PARK AREA / off Brookside Ave winchester, MA
(*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: 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
Davidson park area off Brookside Ave.	SC 11 12	2/21 1340	1-2'	black goop w/ H_2S 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		
Judkins Pond near town Hall	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 (sheen visible on mixed sediment)		

Signature(s): [signature]

Chain of Custody Number(s): _____

Changes in red 6/21/04 [signature]

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: upstream of Salem St & cranberry bog / Sediment Cores — Woburn, MA

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

KO — wetland/KO

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

Weather Conditions: Sunny, ~36° F

Sampled By: D. Granz L. Thuot

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 (just upstream of Salem Street bridge)	2/24/03 13:05	0-1'	Dark brown sed. silt	adj. to Aber., Auto parts; ~40' to edge of pond near residence	~1' water above sed. core.
SC08 02	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 (Cranberry bog near river)	2/24/03 14:45	0-1'	~1" peat & remainder med/coarse sand w/ few cobbles	~6' from edge of Aberjona, in Cran. 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 area pic. included
SC09 34	2/24/03 15:10	3-4'	saturated, silty mud. some gritty sed. within	"	

Signature(s): _____

Chain of Custody Number(s): _____

changes in red 6/21/04 DG

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: Cranberry bog 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: Overcast, ~35°f

Sampled By: D. Granz L. Knot

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
SC10 01	2/24/03 15:25	0-1'	1st 6" - organic silty mud; next 6" - coarse/med. sand	~20' from CB03-09; in drainage channel	
SC10 12	2/24/02 15:29	1-2'	silty mud; also uniform med. sand	"	
SC10 23	2/24/02 15:37	2-3'	wet saturated med. sand. Includes some coarser material.	"	
SC10 34	2/24/02 15:45	3-4'	med. coarse sand, size ranging from colloids to small pebbles	"	

Cranberry bog near west shore ditch ↓

Signature(s): _____

Chain of Custody Number(s): _____

Changes in red 6/21 by DS. Granz

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. Trout

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
SC04 01	2/25/03 11:00	0-1'	Silt trace of sand & grit. Saturated, dark brown. some organic matter	About ~100' from bank onto pond; near Atlantic Co.	Includes duplicate # SC04D01
SC04 12	2/25/03 11:06	1-2'	Silt & sand; ~1" cobbles Saturated, dark brown	HBHA Pond 3 (KO) 11	SC04 includes area pic - (TJMaxx sign)
SC04 23	2/25/03 11:13	2-3'	~2.5" hit yellow sand (fine). Remainder = Silty mud; Saturated, dark brown.	11	
SC04 34	2/25/03 11:23	3-4'	Saturated; fine yellow sand; some stone & some silt (minor)	11	

HBHA just upstream of mistaken rd

Signature(s): _____

Chain of Custody Number(s): _____

changes in red 6/21/04 DS

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name: upstream of Salem ST. TCE Remed./DPW ; Aberjona River/HBHA woburn, MA
(*Select*: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River). KO Wetland KO

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

Weather Conditions: Sunny, ~20° F

Sampled By: D. Granz L. THUOT

	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
Aberjona River near proposed boardwalk	SC07 01	2/26/03 13:06	0-1'	Dark brown, Saturated. Organic odor. Muddy silt w/ organic matter, roots	Aber. river wetlands by treatmt. 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/lt needles mixed in.	"	" (includes areal pic. shot)
HBHA near Perkin Elmer Co	SC03 01	2/26/03 14:31	0-1'	Silty, saturated peaty mud. Some sand at bottom of interval. Phragmite remains also.	In open wetland area behind Perkin 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 ~~bro~~ lt and saturated.	"	(includes an areal " picture)

Signature(s): [signature]

Chain of Custody Number(s): _____

Changes in red 6/21/04 D.J. Granz

Field Log Sheet - Soil and Sediment Sampling

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

Sampling Location Name(s): Winchester, MA Upper Mystic Lake / Aberjona River at Board walk (proposed) AREA between Olympia & Salem street Woburn, MA
(*Select*: Cranberry Bog, HBHA, Salem St. Residence, Leonard Pool, Wells G&H, Danielson Park, or Aberjona River). Wetland KO

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

Weather Conditions: Sunny 20°F

A001 N 910361.32537
E 229324.9957
MA

Sampled By: D Mon D. O'Neal

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
SC13 01	2/27/03 1005	0-1' water 5½'	dark brown fine silt organic muck no odor	250' from shore Upper Mystic River Forebay (KO)	field dup LTD SC13 ~~01~~ D 23
SC13 12	2/27/03 1015	1'-2'	12" to 20" dark brown fine silt organic muck 20-24" wood pieces		
SC13 23	2/27/03 1025	2'-3'	organic silt with humic peat and wood fragments		
SC13 34	2/27/03 1040	3'-4'	gooey peat with trace gravel		
SC06 01	2/27/03 1230	0-1	dark brown, peat w/ fragmity	50-60 ft from shore Wells G+H Wetland (KO)	
SC0612 1-2	2/27/03 1240	1-2	dark brown, fine silt peat w/ fragmity's		
SC0623	1245	23	organic w/ some fine sand, dark brown silt		
SC0634	1252	34	organic silt w/ some sand, last 4" fine sand		
SC0501	1350	0-1	organic silt w/ fine medium sands and roots	In front of Beaver dam; 25' from shore	
SC0512	1355	12	same as above	Wells G+H Wetland (KO)	continued

upper mystic lake

near proposed Board walk Between Olympia and Salem street

Signature(s): [signature]

Chain of Custody Number(s): _____

Changes in red 6/21/04 D.S. [signature]

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 Stre woburn, MA
(*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: 26 °F sunny

Sampled By: D. Grant J. Beale L. O'neil

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
SC0523	2/27/03 1404	2-3	organics w/ fine silts and sands with plant roots. dark brown/black color	Wells G+H Wetland (KO)	Continuation
SC0534	1410	3-4	organics with little sand and roots, dark black color.	↓	

near proposed boardwalk between Olympia and Salem street

Signature(s): [signature]

Chain of Custody Number(s): _____

Changes in red 6/21/07 D.S. Grant

Field Log Sheet for Sampling Activity

RECEIVED
AUG 4 2004
TETRA TECH NUS, INC.
WILMINGTON, MA 01887-1020

Project/Site Name:

Sampling Location: Industri-Plex Winchester, MA

Sample Type: ☐ Soil ☒ Sediment ☐ Wastewater ☐ Drinking water ☐ QA or other: _____

Weather Conditions: Overcast, ~45°f

Sampled By: D. Gramz, L. Thuot

Sample #	Date	Time	Sample/ Depth (water above sample)	Sample/Location Description:	Other Info.
AJRW01	3/15/04	1130	0-6" / 3.5'	Med coarse sand w/ some detritus. Approx. 100' from Bacon St. Bridge, in center of channel	pic# 001, 002 GPS# B031516A
AJRW02	3/15/04	1145	0-6" / 2.25'	black, silty organic material, w/ leaves + twigs, some odor. Loc. adj. to downstream side of island	pic# 003, 004 GPS# B031516B
AJRW02D	3/15/04	1145	0-6" / 2.25'	"	"
AJRW03	3/15/04	1155	0-6" / 3'	Brown, fine silty some leaves. Just Downstream of small island. few oil droplets in sample	pic# 006 GPS# B031517A
AJRW04	3/15/04	1215	0-6" / 3.25'	med. coarse sand w/ some cobbles (up to 4" dia). At open loc. adj. to Mystic Pkwy.	pic# 007 GPS# B031517B
AJRW05	3/15/04	1220	0-6" / 3.75'	Brown, thick silty organic material slight odor (organic), some oil droplets in sample Just Downstream of AJRW04	pic# 008 GPS# B031517C
AJRW06	3/15/04	1230	0-6" / 1.5'	Brown thick silty organic Leaves + other detritus. some oil specs. Downstream of AJRW05	pic# 009 GPS# B031517D

note. (pic as Dan in sample)

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet for Sampling Activity

Project/Site Name: Industri-Plex

Sampling Location: Aberjona River Winchester, MA

Sample Type: ☒ Soil ☒ Sediment ☐ Wastewater ☐ Drinking water ☐ QA or other: _____

Weather Conditions: rain ~50°F

Sampled By: D. Grantz, L. Thuot

Sample #	Date	Time	Sample Depth	Sample/Location Description:	Other Info.	
AJRW15	4/26/04	1400	0-6"	0-1": fine sand 1-6": silt w/ cobbles up to 1" dia. Brown	GPS# R042618A Pic# 05	Sed.
AJRW16	4/26/04	1410	"	All loam w/ a few roots. Brown Loc. ~15' from AJRW15	GPS# R042618A pic# 06	Soil.
AJRW17	4/26/04	1430	"	0-1": fine sand 1-6" fine silt w/ detritus light/med brown color	GPS# R042618B Pic# 07	Sed.
AJRW18	4/26/04	1440	"	0-4": loam, brown w/ roots 4-6": light brown silty clay some cobbles small Loc. ~5' from AJRW15	GPS# R042618B Pic# 08	Soil
AJRW19	4/26/04	1455	"	Mix of brown silt + fine sand, one sheen of petroleum	GPS# R042619A Pic# 09	Sed.
AJRW20	4/26/04	1500	"	Loam, sand, w/ cobbles up to 2" dia. All brown. Loc. ~4' up bank from AJRW19	GPS# R042619A Pic# 10	Soil pic end disk
AJRW21	4/26/04	1515	"	0-3": brown silt w/ roots 3-6": light tan sand	GPS# R042619B pic# 03 Disk 3	Sed.
AJRW22	4/26/04	1525	"	Uniform, dark brown loam 16' Loc. ~5' up bank from AJRW21	GPS# R042619B Pic# 04 Disk 3	Soil
AJRW23	4/26/04	1555	"	Silt, fine sand w/ roots All brown	GPS# R042714A - Pic# 05 Disk 3	4/27/04 Sed.
AJRW24	4/26/04	1605	"	0-4" silt Brown 4-6" fine sand light brown 33' to concrete sidewalk 66' to walkway bridge Loc. ~7' up bank from AJRW23	GPS# R042714B - Pic# 05 Disk 3	4/27/04 Soil

Signature(s): _____

Chain of Custody Number(s): _____

Field Log Sheet for Sampling Activity

Project/Site Name: Industri-Plex

Sampling Location: Aberjona River Winchester, MA

Sample Type: ☒ Soil ☒ Sediment ☐ Wastewater ☐ Drinking water ☐ QA or other: _____

Weather Conditions: Rain ~ 50°F

Sampled By: D. Granz, L. Thuot

Sample #	Date	Time	Sample Depth	Sample/Location Description:	Other Info.	
AJRW07	4/26/04	1145	0-6"	Sandy silt w/ cobbles light brown; no odor ~38' from concrete culvert	GPS # R0426166 Pic# 01	Sediment
AJRW08	4/26/04	1155	"	Loam, some silt, some roots. Dark brown. Loc. 5' up bank from AJRW07	GPS# R0426168 Pic# 02	soil
AJRW09	4/26/04	1205	"	Soft silt + fine sand Brown ~~Loc. 26~~	GPS# R0426164 Pic #03	sed.
AJRW09 D	4/26/04	1205	"	Same as AJRW09 ~~Loc. 26' from C.L.~~	Same as AJRW09	sed.
AJRW10	4/26/04	1215	"	Loam, sand, cobbles up to 2" dia Some silt. Brown Loc. 26' from AJRW09	GPS# R0426164 Pic #04	soil
AJRW10 D	4/26/04	1215	"	Same as AJRW10	Same as AJRW10	soil
AJRW11	4/26/04	1310	"	0-2" - fine white sand 2-6" Brown silt	Pic # 05 GPS# R0426174 ~~AJRW~~ C.L.	Sed.
AJRW12	4/26/04	1320	"	Loam, Sand, silt w/ some roots; 1 earthworm. Brown Loc. 30' up bank from AJRW11	Pic # ~~01~~ C.L. 01 GPS# R0426174	new disk (soil)
AJRW13	4/26/04	1330	"	0-3": sand, some roots 3-6": silt, brown color.	GPS # R0426178 Pic# 02	Sed
AJRW14	4/26/04	1335	"	Loam, silt w/ roots, Brown. ~29' from AJRW13 up bank	GPS # R0426178 Pic # 03, 04	soil.

Signature(s): _____

_____

Chain of Custody Number(s): _____

CLICK TO RETURN TO APPENDIX 2

Field Log Sheet for Sampling Activity

Project/Site Name: Industri-Plex

Sampling Location: Aberjona River Winchester, MA

Sample Type: ☒ Soil ☒ Sediment ☐ Wastewater ☐ Drinking water ☐ QA or other: _____

Weather Conditions: Rain ~50°F

Sampled By: Dan Granz, Lisa Thurst

Sample #	Date	Time	Sample Depth	Sample/Location Description:	Other Info.
AJRW12R	4/26/04	1635	0-6"	Sand, brown, loam, w/cobbles up to 1" dia. Loc 12' from original site of AJRW12.	GPS # R042620A Repeat of AJRW12 (to avoid manhole) Soil

Note – Sample from AJRW12 not Analyzed. Only 12R analyzed

1-800-545-5350

Signature(s): D. Granz

Lisa Thurst

Chain of Custody Number(s): _____