# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 1

**Date / Time:** /

**Brook and Section Widths (ft):** /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

Upstream

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.33 | | | | | | | | | |
| | 7.5 | 0.6 | 0.60 | | | | | | | | | |
| | 12.5 | 0.7 | 0.68 | | | | | | | | | |
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| | 17.5 | 0.6 | 0.3 | | | | | | | | | |
| | 21 | 0.3 | 0.02 | | | | | | | | | |
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**Signature:**

Note: All Depth 's are from Top (water surface)

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF3

**Date / Time:** /

**Brook and Section Widths (ft):** 19.5ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | shifted flow loc upstream |
| Northing (ft): | | | | of Horiba (15 ft) |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 17.5 | 0.4 | 0.42 | | | | | | | | | |
| | 12.5 | 0.7 | 0.97 | | | | | | | | | |
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| | 7.5 | 0.7 | 0.44 | | | | | | | | | |
| | 2.5 | 0.5 | 0.02 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF5

**Date / Time:** /

**Brook and Section Widths (ft):** 30 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.5 | 0.08 | | | | | | | | | |
| | 7.5 | 1.5 | 0.05 | | | | | | | | | |
| | 12.5 | 1.65 | 0.15 | | | | | | | | | |
| | 17.5 | 1.70 | 0.24 | | | | | | | | | |
| | 22.5 | 1.00 | 0.12 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 7

**Date / Time:** /

**Brook and Section Widths (ft):** 40ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | "Trib" downstream of SF6 |
| Northing (ft): | | | | (230ft) No flow measurable |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.0 | 0.09 | | | | | | | | | |
| | 7.5 | 1.7 | 0.12 | | | | | | | | | |
| | 12.5 | 1.5 | 0.18 | | | | | | | | | |
| | 17.5 | 1.2 | 0.23 | | | | | | | | | |
| | 22.5 | 1.4 | 0.22 | | | | | | | | | |
| | 27.5 | 2.6 | 0.23 | | | | | | | | | |
| | 32.5 | 0.9 | 0.02 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF9

**Date / Time:** /

**Brook and Section Widths (ft):** 39 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.7 | 0.02 | | | | | | | | | |
| | 7.5 | 2.4 | 0.13 | | | | | | | | | |
| | 12.5 | 2.5 | 0.19 | | | | | | | | | |
| | 17.5 | 1.5 | 0.01 | | | | | | | | | |
| | 22.5 | 2.4 | 0.04 | | | | | | | | | |
| 80% Top | 27.5 | 2.9 | 0.04 | | | | | | | | | |
| 20% Top | 27.5 | 2.9 | 0.12 | | | | | | | | | |
| | 32.5 | 1.0 | 0.02 | | | | | | | | | |
| | 37 | 0.5 | 0.03 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF11

**Date / Time:** /

**Brook and Section Widths (ft):** 28 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | 90 ft from SF10 |
| Northing (ft): | | | | Storm drain to left (downstream) |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1 | 0.04 | | | | | | | | | |
| | 7.5 | 1.8 | 0.11 | | | | | | | | | |
| 20% Top | 12.5 | 2.7 | 0.23 | | | | | | | | | |
| 20% Top | 17.5 | 3.0 | 0.26 | | | | | | | | | |
| | 22.5 | 2.3 | 0.12 | | | | | | | | | |
| | 26 | 0.6 | 0.05 | | | | | | | | | |
| 80% Top | 12.5 | 2.7 | 0.18 | | | | | | | | | |
| 80% Top | 17.5 | 3.0 | 0.20 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF13 / T353

**Date / Time:** /

**Brook and Section Widths (ft):** 37.5 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.3 | 0.09 | | | | | | | | | |
| 20% | 7.5 | 2.6 | 0.13 | | | | | | | | | |
| 80% | 7.5 | 2.6 | 0.09 | | | | | | | | | |
| 20% | 12.5 | 3.4 | 0.18 | | | | | | | | | |
| 80% | 12.5 | 3.4 | 0.05 | | | | | | | | | |
| 20% | 17.5 | 2.6 | 0.19 | | | | | | | | | |
| 80% | 17.5 | 2.6 | 0.10 | | | | | | | | | |
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| | 22.5 | 1.5 | 0.00 | | | | | | | | | |
| | 27.5 | 0.8 | 0.01 | | | | | | | | | |
| | 32.5 | 0.4 | 0.02 | | | | | | | | | |
| | 35 | 0.3 | 0.01 | | | | | | | | | |

**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** (SF 17) Downstream end of culvert

**Date / Time:** /

**Brook and Section Widths (ft):** /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | Round Double culvert |
| Northing (ft): | | | | 400 ft DS of SF13 |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7'4" pipe diameter | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Right pipe | 2'8" width of surface of flow | 2.5" | 1.2m/s ≈ 3.94 ft/s | | | | | | | | | |
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| Left Pipe | 2.3 ft | 0.3 ft | 2.6 ft/s | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 18

**Date / Time:** /

**Brook and Section Widths (ft):** 20 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | Pennoni T348 marker |
| Northing (ft): | | | | Rip rap everywhere |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.7 | 0.02 | | | | | | | | | |
| | 7.5 | 0.7 | 0.10 | | | | | | | | | |
| | 12.5 | 1.0 | 0.07 | | | | | | | | | |
| | 17.5 | 1.0 | 0.25 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF19

**Date / Time:** /

**Brook and Section Widths (ft):** 25 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.0 | 0.22 | | | | | | | | | |
| | 7.5 | 1.1 | 0.37 | | | | | | | | | |
| | 12.5 | 1.35 | 0.43 | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | 0.05 | | | | | | | | | |
| | 17.5 | 1.4 | | | | | | | | | | |
| | 22.5 | 1.0 | 0.14 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF21

**Date / Time:** /

**Brook and Section Widths (ft):** 26 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | Drainage basin left bank |
| Northing (ft): | | | | Downstream. (Upstream of SF21 |
| Easting (ft): | | | | by ~50 ft) |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.9 | 0.27 | | | | | | | | | |
| | 7.5 | 1.7 | 0.23 | | | | | | | | | |
| | 12.5 | 1.9 | 0.22 | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 17.5 | 1.8 | 0.15 | | | | | | | | | |
| | 22.5 | 0.9 | 0.11 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 23

**Date / Time:** /

**Brook and Section Widths (ft):** 20 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | 55 ft from SF22. |
| Northing (ft): | | | | Near Pennoni |
| Easting (ft): | | | | Drainage trickling in (right side US) |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 17.5 | 0.4 | 0.24 | | | | | | | | | |
| | 12.5 | 0.9 | 0.42 | | | | | | | | | |
| | 7.5 | 0.7 | 0.92 | | | | | | | | | |
| | 2.5 | 0.6 | 0.71 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 25

**Date / Time:** 5/7/12 /

**Brook and Section Widths (ft):** 28 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.5 | 0.20 | | | | | | | | | |
| | 7.5 | 0.7 | 0.45 | | | | | | | | | |
| | 12.5 | 0.9 | 0.40 | | | | | | | | | |
| | 17.5 | 1.7 | 0.33 | | | | | | | | | |
| | 22.5 | 1.4 | 0.05 | | | | | | | | | |
| | 27.5 | 0.6 | 0.00 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF1 - Revisit

**Date / Time:** 5-8-12 / 9:11 AM

**Brook and Section Widths (ft):** /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.31 | | | | | | | | | |
| | 7.5 | 0.65 | 0.61 | | | | | | | | | |
| | 12.5 | 0.7 | 0.78 | cinder block nearby | | | | | | | | |
| | 17.5 | 0.5 | 0.45 | behind branches | | | | | | | | |
| | 21 | 0.3 | 0.03 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 25 Revisit

**Date / Time:** 5-8-12 /

**Brook and Section Widths (ft):** /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | [illegible] |
| Northing (ft): | | | | [illegible] down trees |
| Easting (ft): | | | | flow obstruction 125ft downstream |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.35 | | | | | | | | | |
| | 7.5 | 0.5 | 0.55 | | | | | | | | | |
| | 12.5 | 1.0 | 0.23 | | | | | | | | | |
| | 17.5 | 1.6 | 0.32 | | | | | | | | | |
| | 22.5 | 1.5 | 0.25 | | | | | | | | | |
| | 27.5 | 0.6 | 0.00 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF27 (Pennoni 2106/2105)

**Date / Time:** 5-8-12 /

**Brook and Section Widths (ft):** 29 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | Tree debris upstream + downstream |
| Northing (ft): | | | | inlet about 10' u.s. of SF28 |
| Easting (ft): | | | | on right bank (no meas. flow) |

5' wide ~0.3 ft deep

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.5 | 0.15 | | | | | | | | | |
| | 7.5 | 0.6 | 0.42 | | | | | | | | | |
| | 12.5 | 1.0 | 0.30 | | | | | | | | | |
| | 17.5 | 1.3 | 0.43 | | | | | | | | | |
| | 22.5 | 1.8 | 0.27 | | | | | | | | | |
| | 27.5 | 1.5 | 0.23 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** Possible inlet D.S. of train bridge

**Date / Time:** /

**Brook and Section Widths (ft):** 11 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | About 140 ft DS of SF28 (left side) |
| Northing (ft): | | | | Rectangular culvert (flowing). Drain dripping |
| Easting (ft): | | | | Drain pipe (not flowing) in wall above |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.2 | 0.33 | | | | | | | | | |
| | 9.0 | 0.2 | 0.15 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF29

**Date / Time:** /

**Brook and Section Widths (ft):** 21 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | 146 ft DS of SF28 |
| Northing (ft): | | | | DS of Culvert inlet |
| Easting (ft): | | | | Left bank - drain pipe flowing 140' DS (est 1gpm) |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 17.5 | 1.3 | 0.04 | | | | | | | | | |
| | 12.5 | 1.4 | 0.34 | | | | | | | | | |
| | 7.5 | 1.8 | 0.91 | | | | | | | | | |
| | 2.5 | 1.8 | -0.23 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF31

**Date / Time:** /

**Brook and Section Widths (ft):** 23 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | ~80 ft DS SF30 |
| Northing (ft): | | | | Debris ~80 ft DS of SF31 |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.55 | | | | | | | | | |
| | 7.5 | 1.2 | 0.53 | | | | | | | | | |
| | 12.5 | 1.1 | 0.58 | | | | | | | | | |
| | 17.5 | 1.0 | 0.35 | | | | | | | | | |
| | 22 | 0.2 | 0.22 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 33

**Date / Time:** /

**Brook and Section Widths (ft):** 21.5 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.9 | 0.08 | | | | | | | | | |
| | 7.5 | 0.9 | 0.51 | | | | | | | | | |
| | 12.5 | 0.5 | 1.10 | | | | | | | | | |
| | 17.5 | 0.3 | 0.15 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF35

**Date / Time:** /

**Brook and Section Widths (ft):** 27 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.7 | 0.15 | | | | | | | | | |
| | 7.5 | 1.1 | 0.38 | | | | | | | | | |
| | 12.5 | 1.0 | 0.44 | | | | | | | | | |
| | 17.5 | 0.8 | 0.45 | | | | | | | | | |
| | 22.5 | 0.5 | 0.37 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 37 - Pennoni Marker (no ID)

**Date / Time:** /

**Brook and Section Widths (ft):** 18 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.6 | 0.96 | | | | | | | | | |
| | 7.5 | 0.8 | 0.75 | | | | | | | | | |
| | 12.5 | 0.5 | 0.7 | | | | | | | | | |
| | 17.5 | 0.2 | 0.26 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF 39

**Date / Time:** /

**Brook and Section Widths (ft):** 29 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.5 | 0.14 | | | | | | | | | |
| | 7.5 | 0.75 | 0.48 | | | | | | | | | |
| | 12.5 | 1.1 | 0.14 | | | | | | | | | |
| | 17.5 | 0.9 | 0.44 | | | | | | | | | |
| | 22.5 | 1.0 | 0.30 | | | | | | | | | |
| | 27.5 | 0.4 | 0.14 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Location:** SF41

**Last Rain:** Date: Amount (in):

**Date / Time:** /

**Field Crew:**

**Brook and Section Widths (ft):** 28 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.2 | 0.05 | | | | | | | | | |
| | 7.5 | 0.45 | 0.17 | | | | | | | | | |
| | 12.5 | 0.7 | 0.47 | | | | | | | | | |
| | 17.5 | 1.0 | 0.50 | | | | | | | | | |
| | 22.5 | 0.9 | 0.42 | | | | | | | | | |
| | 27.5 | 0.6 | 0.18 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF43

**Date / Time:** /

**Brook and Section Widths (ft):** 36 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 32.5 | 1.3 | 0.02 | | | | | | | | | |
| | 27.5 | 2.0 | 0.04 | | | | | | | | | |
| | 22.5 | 2.0 | 0.24 | | | | | | | | | |
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| | 17.5 | 1.8 | 0.15 | | | | | | | | | |
| | 12.5 | 1.9 | 0.22 | | | | | | | | | |
| | 7.5 | 1.8 | 0.10 | | | | | | | | | |
| | 2.5 | 1.0 | 0.03 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF45~~ SF47 (AW)

**Date / Time:** /

**Brook and Section Widths (ft):** 30 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | ~150 ft downstream of dam |
| Northing (ft): | | | | ~20 ft downstream of gage |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 1.7 | 0.12 | | | | | | | | | |
| | 7.5 | 1.7 | 0.25 | | | | | | | | | |
| | 12.5 | 1.0 | 0.46 | | | | | | | | | |
| | 17.5 | 0.7 | 0.34 | Lots of branch debris | | | | | | | | |
| | 22.5 | 0.5 | 0.27 | | | | | | | | | |
| | 27.5 | 0.35 | 0.21 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF47~~ SF49 (AW)

**Date / Time:** /

**Brook and Section Widths (ft):** 19 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | 100 ft DS of Permeni |
| Northing (ft): | | | | Marker (SF46) DS of Dam |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.3 | 0.19 | | | | | | | | | |
| | 7.5 | 1.1 | 0.41 | | | | | | | | | |
| | 12.5 | 1.8 | 0.34 | | | | | | | | | |
| | 17.5 | 1.9 | 0.15 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF49~~ SF51 AW

**Date / Time:** /

**Brook and Section Widths (ft):** 29 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.1 | -0.05 | Only | partially | submerged | | | | | | |
| | 7.5 | 0.4 | 0.76 | | | | | | | | | |
| | 12.5 | 0.5 | 0.67 | | | | | | | | | |
| | 17.5 | 1.1 | 0.05 | | | | | | | | | |
| | 22.5 | 1.0 | 0.51 | | | | | | | | | |
| | 27.5 | 0.8 | 0.33 | rock | obstruction | at | 27.5 | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF~~S~~1 SF53 (AW)

**Date / Time:** /

**Brook and Section Widths (ft):** 28 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 22.5 | 0.4 | 0.12 | | | | | | | | | |
| | 17.5 | 0.4 | 0.37 | | | | | | | | | |
| | 12.5 | 0.7 | 0.29 | | | | | | | | | |
| | 7.5 | 1.5 | 0.65 | | | | | | | | | |
| | 2.5 | 0.5 | 0.31 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** SF35F55 AW

**Date / Time:** /

**Brook and Section Widths (ft):** 28 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.78 | | | | | | | | | |
| | 7.5 | 0.4 | 0.42 | | | | | | | | | |
| | 12.5 | 0.5 | 1.15 | | | | | | | | | |
| | 17.5 | 0.4 | 0.65 | | | | | | | | | |
| | 22.5 | 0.5 | 0.48 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF55~~ SF57 AW

**Date / Time:** /

**Brook and Section Widths (ft):** 28 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.5 | 0.3 | | | | | | | | | |
| | 7.5 | 0.6 | 0.43 | | | | | | | | | |
| | 12.5 | 0.5 | 0.36 | | | | | | | | | |
| | 17.5 | 0.6 | 0.53 | | | | | | | | | |
| | 22.5 | 1.1 | 0.22 | | | | | | | | | |
| | 27.5 | 0.4 | 0.17 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF57~~ SF59 (AW)

**Date / Time:** /

**Brook and Section Widths (ft):** 27.5 /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.4 | 0.00 | → | MUD | | | | | | | |
| | 7.5 | 1.0 | 0.03 | | | | | | | | | |
| | 12.5 | 1.5 | 0.35 | | | | | | | | | |
| | 17.5 | 2.0 | 0.36 | | | | | | | | | |
| | 22.5 | 2.0 | 0.08 | | | | | | | | | |
| | 26 | 0.2 | 0.00 | | | | | | | | | |
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**Signature:**

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** ~~SF59~~ SF61 (Ad)

**Date / Time:** /

**Brook and Section Widths (ft):** 35 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | 125' DS of Confluence |
| Northing (ft): | | | | ~80 ft US of Beaver Dam |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lo Batt * | 2.5 | 0.8 | 0.03 | | | | | | | | | |
| * | 7.5 | 2.0 | 0.10 | | | | | | | | | |
| * | 12.5 | 2.0 | 0.31 | | | | | | | | | |
| * | 17.5 | 1.4 | 0.37 | | | | | | | | | |
| | 22.5 | 1.0 | 0.29 | | | | | | | | | |
| | 27.5 | 0.8 | 0.22 | | | | | | | | | |
| | 32.5 | 0.6 | 0.5 | | | | | | | | | |
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**Signature:** _____

# Sediment Bed Pore Water Assessment

**Project:** CDE OU4 Bound Brook

**Last Rain:** Date: Amount (in):

**Field Crew:**

**Location:** Cedar Brook (SF62)

**Date / Time:** /

**Brook and Section Widths (ft):** 18 ft /

| Location: | Mid Brook (Req'd.) | Right Bank of Brook | Left Bank of Brook | Notes |
|---|---|---|---|---|
| GPS ID: | | | | ~30 ft US of Confluence |
| Northing (ft): | | | | |
| Easting (ft): | | | | |

| Section | Distance to Bank L/R (ft) | Water Depth (ft) | Velocity (ft/s) | Temp (°C) | pH | ORP (mV) | Cond (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L & %) | TDS (g/L) | Salinity (ppt) | Depth (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.5 | 0.8 | 0.15 | | | | | | | | | |
| | 7.5 | 0.9 | 0.17 | | | | | | | | | |
| | 12.5 | 0.5 | 0.05 | | | | | | | | | |
| | 17.5 | 0.3 | 0.00 | | | | | | | | | |
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**Signature:**