

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310070</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.41528</b>	Longitude: <b>-123.96090</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.46"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.46"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="7.29"/>	FillDepth: <input type="text" value="0.15"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="Yes"/>
Outfall Drop (m):	<input type="text" value="0.00"/>
Culvert Slope (%):	<input type="text" value="2.70"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

<b>Comments:</b>
no stream channel DS

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

### Species Potential

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- Brown Trout
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310071</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.41528</b>	Longitude: <b>-123.96090</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske    Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.52"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.52"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.38"/>	FillDepth: <input type="text" value="0.50"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="0.90"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input style="width: 100%;" type="text"/>			

<b>Comments:</b>
no stream channel

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

### Species Potential

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- Brown Trout
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310072</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.41842</b>	Longitude: <b>-123.96038</b>	PI Total:

Field Review Crew: Lantz, Tschackofske    Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.40"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.40"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="11.11"/>	FillDepth: <input type="text" value="0.60"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Culvert buried approximately 45% on DS end.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

### Species Potential

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- Brown Trout
- Steelhead

### Location/Directions:

On Long Island.

### Site Comments:

Looks like previous clearcut area where small buffer was left around small wetland US- mostly dry now, and buffer alder trees are falling into wetland. A little more channelized DS, but vegetation filling channel, no water. Top of type 5 stream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310073</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Cedar Creek</b>	WRIA: <b>24.0669</b>
Latitude: <b>46.41778</b>	Longitude: <b>-123.95775</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.50"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.50"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="7.23"/>	FillDepth: <input type="text" value="1.10"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310074</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.41675</b>	Longitude: <b>-123.95280</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.45"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.45"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.02"/>	FillDepth: <input type="text" value="0.40"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="Yes"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="4.90"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

<b>Comments:</b>
40% filled in at DS end with sediment.

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Pink
- Chum
- Chinook
- Coho
- Steelhead
- Sea Run Cutthroat
- Resident Trout
- Dolly/Bull Trout
- Brook Trout
- 

### Location/Directions:

First culvert after boat launch area on main road heading north on Long Island.

### Site Comments:

Type 5 stream enters directly into type 1 tidal slough area. Double culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310075</b>	Sequencer: <b>1.2</b>	Fish Use Potential: <b>Yes</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Long Island Slough</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.41153</b>	Longitude: <b>-123.94407</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.18"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.15"/>	FillDepth: <input type="text" value="0.90"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:       Passability (%)       Repair Status:       Method:

Problem:

**Comments:**

DS end is tidal slough, so no plunge pool or toe accessible. Also tidally influenced upstream of culvert. This is the right bank culvert.

**Potential Habitat Gain:**

Survey Type:       Length (m):       Spawning (sq m):       Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310075</b>	Sequencer: <b>2.2</b>	Fish Use Potential: <b>Yes</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Long Island Slough</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.41153</b>	Longitude: <b>-123.94407</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.18"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="11.71"/>	FillDepth: <input type="text" value="0.90"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="2.60"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier: <input type="text" value="Yes"/>	Passability (%): <input type="text" value="67"/>	Repair Status: <input type="text" value="UD"/>	Method: <input type="text" value="LA"/>
Problem: <input type="text" value="slope"/>			

**Comments:**  
 No toe or plunge pool accessible. Tidal slough DS, and tidally influenced upstream of culvert. This is the left bank culvert.

**Potential Habitat Gain:**

Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>
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# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

By the storage shed at south end of Long Island.

### Site Comments:

Road drainage, downstream of culvert is steep slope to tidal slough. No stream channel.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310076</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.41247</b>	Longitude: <b>-123.9434</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/21/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.44"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northernmost portion of main road on Long Island.

### Site Comments:

Road drainage.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310077</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.48782</b>	Longitude: <b>-123.98497</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.37"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.37"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.16"/>	FillDepth: <input type="text" value="1.10"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

Northernmost portion of main road on Long Island.

### Site Comments:

Beaver dam blocking US side of culvert with very small pond. Extremely steep DS of culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310078</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.48690</b>	Longitude: <b>-123.98740</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.15"/>	Length (m): <input type="text" value="1.10"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.15"/>	
Span (m): <input type="text" value="0.47"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="0.50"/>	
Rise (m): <input type="text" value="0.47"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.00"/>	FillDepth: <input type="text" value="4.00"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="Unk"/>
Outfall Drop (m):	<input type="text" value="0.20"/>
Culvert Slope (%):	<input type="text"/>
Ave. Bed Width (m):	<input type="text" value="0.50"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.94"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Can't shoot slope as culvert buried under beaver dam on US side. Water runs underground partially DS of the culvert. Looks like it would be greater than a 1% slope.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Northern section of Long Island, on main road.

### Site Comments:

Top of type 5 stream drainage. No channel US of culvert, muddy, steep channel DS.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310079</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.48785</b>	Longitude: <b>-123.98802</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.03"/>	Length (m): <input type="text" value="1.00"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.10"/>	
Span (m): <input type="text" value="0.47"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="0.50"/>	
Rise (m): <input type="text" value="0.47"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="15.29"/>	FillDepth: <input type="text" value="3.50"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.30"/>
Culvert Slope (%):	<input type="text" value="10.20"/>
Ave. Bed Width (m):	<input type="text" value="0.80"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.60"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input style="width: 100%;" type="text"/>			

**Comments:**

Two drops at outlet, first is .3, full drop is .7m.

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310080</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.47237</b>	Longitude: <b>-123.99303</b>	PI Total:

Field Review Crew: Lantz, Tschackofske    Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.45"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.45"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.00"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Tree roots covering DS end, which is also rusted out, and US end is crushed. No slope shot (extra information for the refuge.)

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310081</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.46977</b>	Longitude: <b>-123.99235</b>	PI Total:

Field Review Crew: Lantz, Tschackofske    Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.37"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.37"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="7.93"/>	FillDepth: <input type="text" value="0.60"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310082</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.46915</b>	Longitude: <b>-123.9905</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.45"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.45"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="5.99"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Small wetlandish area US, with no channel- top of type 5 stream. Very steep DS of culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310083</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.46797</b>	Longitude: <b>-123.99070</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.01"/>	Length (m): <input type="text" value="1.20"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.20"/>	
Span (m): <input type="text" value="0.48"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="0.60"/>	
Rise (m): <input type="text" value="0.48"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="15.75"/>	FillDepth: <input type="text" value="4.00"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.68"/>
Culvert Slope (%):	<input type="text" value="12.13"/>
Ave. Bed Width (m):	<input type="text" value="0.40"/>
Culvert/Stream Width Ratio:	<input type="text" value="1.20"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input style="width: 100%;" type="text"/>			

**Comments:**

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310084</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.46558</b>	Longitude: <b>-123.98962</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske    Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.48"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.48"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.15"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="3.70"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

No channel DS or US.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310085</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.46280</b>	Longitude: <b>-123.98838</b>	PI Total:

Field Review Crew: Lantz, Tschackofske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.48"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.48"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.36"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

DS bottom of culvert rusted out. Flume on DS end 3m long.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage, steep DS of culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310086</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.46155</b>	Longitude: <b>-123.98853</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.40"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.40"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.00"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Flume extends 3m DS.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage culvert, steep DS of culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310087</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.45898</b>	Longitude: <b>-123.98925</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.40"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.40"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.42"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

No channel DS or US

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern section of Long Island, on main road.

### Site Comments:

Road drainage, steep DS of culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310088</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.45690</b>	Longitude: <b>-123.98875</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.38"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.38"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.92"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310089</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.45062</b>	Longitude: <b>-123.98577</b>	PI Total:

Field Review Crew: Lantz, Tschackofske      Field Review Date: 6/22/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.30"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.30"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="6.27"/>	FillDepth: <input type="text" value="1.00"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

DS end squashed

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert. Dip in road, no channel, thick forest.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310090</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.42012</b>	Longitude: <b>-123.96578</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.34"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.34"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="6.93"/>	FillDepth: <input type="text" value="0.80"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="3.00"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input style="width: 100%;" type="text"/>			

**Comments:**

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert. Small marshy area US, no stream channel DS.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310091</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.42123</b>	Longitude: <b>-123.96638</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.30"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text"/>	FillDepth: <input type="text" value="0.60"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.40"/>
Culvert Slope (%):	<input type="text"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

<b>Comments:</b>
US end crushed and covered with log, DS end a bit smashed.

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310092</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.42332</b>	Longitude: <b>-123.96713</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.12"/>	FillDepth: <input type="text" value="0.30"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="2.19"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

**Comments:**

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert. No channel.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310093</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.42448</b>	Longitude: <b>-123.96635</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.36"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="3.40"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert. No channel.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310094</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.43194</b>	Longitude: <b>-123.96135</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="6.12"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310095</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.43359</b>	Longitude: <b>-123.96010</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.50"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.50"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.11"/>	FillDepth: <input type="text" value="0.30"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="2.10"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

**Comments:**

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert. No channel.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310096</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.43556</b>	Longitude: <b>-123.96204</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.38"/>	FillDepth: <input type="text" value="0.40"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Intermittent dry channel, looks like this is the top. Some wetland vegetation, spreads out DS, no channel.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310097</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.44011</b>	Longitude: <b>-123.96230</b>	PI Total:

Field Review Crew: Lantz, Tschackofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.43"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.43"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="8.19"/>	FillDepth: <input type="text" value="0.50"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="1.10"/>
Ave. Bed Width (m):	<input type="text" value="0.45"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.95"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

<b>Comments:</b>
Old crushed and buried culvert off to the LB side of current culvert.

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

Road drainage culvert.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310098</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.44058</b>	Longitude: <b>-123.96435</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="6.02"/>	FillDepth: <input type="text" value="0.40"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="Yes"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="7.50"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input style="width: 100%;" type="text"/>			

**Comments:**

**Potential Habitat Gain:**

Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>
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# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

### Site Comments:

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310099</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.44027</b>	Longitude: <b>-123.96703</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="10.00"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

Debris pile, trees on DS end, can't shoot slope (optional info for refuge.)

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In southern section of Long Island, on main road.

### Site Comments:

road drainage culvert

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310100</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.44122</b>	Longitude: <b>-123.96921</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.35"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.35"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="7.18"/>	FillDepth: <input type="text" value="0.40"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="1.95"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:     Passability (%):     Repair Status:     Method:

Problem:

**Comments:**

US end partially buried.

**Potential Habitat Gain:**

Survey Type:     Length (m):     Spawning (sq m):     Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

Just south of Baldwin Slough spur, on main road, on Long Island.

### Site Comments:

Type 4 stream, with a large nice wetland US. Slight gradient change DS, which is mapped as a type 5, so fish use is unknown. Likely amphibian habitat.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310101</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>Unk</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Baldwin Slough</b>	WRIA: <b>24.0671</b>
Latitude: <b>46.44654</b>	Longitude: <b>-123.97618</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.03"/>	Length (m): <input type="text" value="2.00"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.25"/>	
Span (m): <input type="text" value="1.25"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="3.00"/>	
Rise (m): <input type="text" value="1.25"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="10.60"/>	FillDepth: <input type="text" value="1.20"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:     Passability (%)     Repair Status:     Method:

Problem:

**Comments:**

Water control structure on US end, and metal trash rack which is not flush with culvert so there is a slight gap on the side. Lots of grass, debris covering front of trash rack. Water spreads out, and runs subsurface DS of the culvert.

**Potential Habitat Gain:**

Survey Type:     Length (m):     Spawning (sq m):     Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Fishway
- Dam
- Gravity Diversion
- Pump Diversion
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Pink
- Chum
- Chinook
- Coho
- Steelhead
- Sea Run Cutthroat
- Resident Trout
- Dolly/Bull Trout
- Brook Trout
- 

### Location/Directions:

On Baldwin slough spur, in middle of Long Island.

### Site Comments:

Large wetland US, used to be a culvert here. Refuge removed in 1999, and put in several log steps up to wetland. Large beaver dam above last log. Mapped type 5 stream, likely amphibian habitat.

# WDFW Fish Passage and Diversion Inventory Database

## Fishway Description Report

Site ID: <b>1310102</b>	Fish Use Potential: <b>Unk</b>	
Stream: <b>Unnamed</b>	Tributary To: <b>Baldwin slough</b>	WRIA: <b>24.0670</b>
Latitude: <b>46.45544</b>	Longitude: <b>-123.97087</b>	PI Total:

Field Review Crew:  Field Review Date:

### General Description:

Fishway Type: <input type="text" value="SBC"/>	Construction Year: <input type="text" value="1999"/>	Attached To: <input type="text" value="Habitat"/>
<p>2 log controls put in where culvert removed to provide gradient access to US wetland habitat. There is a large beaver dam above 2nd log, so there may be another log control under the beaver dam. The controls are about 3-4m apart.</p>		

### Weir Pool, Pool Chute, Vertical Slot, and Steep Pass Fishway Components:

No. of Pools: <input type="text"/>	Number of Weirs: <input type="text"/>	Weir Type: <input type="text"/>
Entrance Pool Depth (m): <input type="text"/>	Pool Head Difference (m): <input type="text"/>	

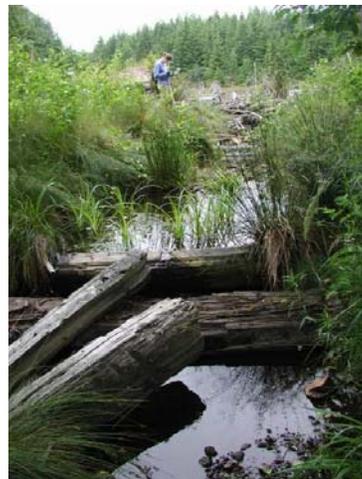
### Streambed Elevation Controls:

Control Location: <input type="text" value="DS"/>	Number of Controls: <input type="text" value="2"/>	Control Type: <input type="text" value="LC"/>
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### Culvert or Flume Components:

### Comments:

<p>Wetlandish DS, pieces of LWD in channel.</p>
---



### Potential Habitat Gain:

Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>
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# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

On Baldwin Slough spur, in middle of Long Island.

### Site Comments:

Type 9 stream, muddy, boggy area US of culvert. There is a second culvert set slightly lower and about 6m away.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310103</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed 24.0670</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.45468</b>	Longitude: <b>-123.97170</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.50"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.48"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="13.00"/>	FillDepth: <input type="text" value="1.60"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

This is probably the replacement culvert for 1310104, since it looks newer, and the other is buried at the US end.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

- Sockeye
- Pink
- Chum
- Chinook
- Coho
- Steelhead
- Sea Run Cutthroat
- Resident Trout
- Dolly/Bull Trout
- Brook Trout
- 

### Location/Directions:

On Baldwin slough spur, in middle of Long Island.

### Site Comments:

Next to culvert 1310103, this is buried at the US side, and is not functioning. Boggy US. Trash rack visible at US side.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310104</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed 24.0670</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.45468</b>	Longitude: <b>-123.97171</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.01"/>	Length (m): <input type="text" value="1.50"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.30"/>	
Span (m): <input type="text" value="0.30"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="1.00"/>	
Rise (m): <input type="text" value="0.30"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text"/>	FillDepth: <input type="text" value="2.00"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Probably used to be the main culvert for this section of road, and then 1310103 was added.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

On Baldwin slough spur, in middle of Long Island.

### Site Comments:

Type 4 stream. Small boggy/wetland US. Old rusted/blocked culvert next to this one (no measurements). Small dry channel DS.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310105</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>Unk</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Baldwin Slough</b>	WRIA: <b>24.0668</b>
Latitude:	Longitude:	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.01"/>	Length (m): <input type="text" value="0.60"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.10"/>	
Span (m): <input type="text" value="0.61"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="0.30"/>	
Rise (m): <input type="text" value="0.61"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="14.26"/>	FillDepth: <input type="text" value="1.40"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.40"/>
Culvert Slope (%):	<input type="text" value="6.50"/>
Ave. Bed Width (m):	<input type="text" value="0.50"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.82"/>



**Results:**

Barrier:     Passability (%)     Repair Status:     Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:     Length (m):     Spawning (sq m):     Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

- Sockeye
- Pink
- Chum
- Chinook
- Coho
- Steelhead
- Sea Run Cutthroat
- Resident Trout
- Dolly/Bull Trout
- Brook Trout
- 

### Location/Directions:

On Baldwin slough spur, in middle of Long Island.

### Site Comments:

Approximately 50m away from culvert 1310105. Trash rack over US side, slightly boggy US. Runs subsurface about 5m DS of culvert. Basically road drainage for boggy area.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310106</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.45157</b>	Longitude: <b>-123.97525</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske    Field Review Date: 6/23/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.04"/>	Length (m): <input type="text" value="2.50"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.37"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="2.00"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.31"/>	FillDepth: <input type="text" value="0.80"/>		

<b>Level A Parameters:</b>	
Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.10"/>
Culvert Slope (%):	<input type="text" value="2.00"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



<b>Results:</b>			
Barrier: <input type="text"/>	Passability (%): <input type="text"/>	Repair Status: <input type="text"/>	Method: <input type="text"/>
Problem: <input type="text"/>			

<b>Comments:</b>
No toe, runs subsurface.

<b>Potential Habitat Gain:</b>			
Survey Type: <input type="text"/>	Length (m): <input type="text"/>	Spawning (sq m): <input type="text"/>	Rearing (sq m): <input type="text"/>

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Tarlatt Slough unit, near southern entrance.

### Site Comments:

Field drainage for seasonal wetlands/pasture now. Feeds into small tidal slough DS. Type 9 stream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310107</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Tarlatt Slough</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.36467</b>	Longitude: <b>-124.02465</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text" value="2.70"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="1.30"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="2.50"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="19.51"/>	FillDepth: <input type="text" value="1.00"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.45"/>
Culvert Slope (%):	<input type="text" value="0.72"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Water control structure in center of pipe. No water US currently, dry field w/some wetland vegetation. Both ends bevelled.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

Second culvert when coming in southern entrance of Tarlatt Slough unit. Approximately 20m north of culvert 1310106.

### Site Comments:

Field drainage for seasonal wetlands/pasture now. Feeds into small tidal slough DS. Type 9 stream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310108</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To: <b>Tarlatt Slough</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.36542</b>	Longitude: <b>-124.02397</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="18.27"/>	FillDepth: <input type="text" value="1.00"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

US side has short bevelled collar. Water control structure in center of culvert. No water US currently.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Pink
- Chum
- Chinook
- Coho
- Steelhead
- Sea Run Cutthroat
- Resident Trout
- Dolly/Bull Trout
- Brook Trout
- 

### Location/Directions:

Northernmost culvert in Tarlatt Slough unit.

### Site Comments:

Drains nice small wetland US. Muddy channel DS currently. Not sure that there is much potential for fish use, seasonal rearing, if they can get past the WCS, however there may not be much water to rear in if WCS is open. Type 5 stream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310109</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>Unk</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Tarlatt Slough</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.36820</b>	Longitude: <b>-124.02068</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="21.84"/>	FillDepth: <input type="text" value="1.30"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.10"/>
Culvert Slope (%):	<input type="text" value="0.41"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:       Passability (%)       Repair Status:       Method:

Problem:

**Comments:**

No toe, wetlands US, slough DS. Would normally go to a Level B analysis, since there is no material in culvert, but it is an unknown barrier status because of the influence of the wetland US, and the tidal area DS.

**Potential Habitat Gain:**

Survey Type:       Length (m):       Spawning (sq m):       Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, on main refuge road along eastern side of unit.

### Site Comments:

Ditch drainage US side, drains into pasture drainage channels. Water currently forming small slough US. Type 9 stream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310110</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.36757</b>	Longitude: <b>-123.99622</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.08"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="12.72"/>	FillDepth: <input type="text" value="0.50"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="1.00"/>
Ave. Bed Width (m):	<input type="text" value="0.50"/>
Culvert/Stream Width Ratio:	<input type="text" value="1.30"/>



**Results:**

Barrier:  Passability (%):  Repair Status:  Method:

Problem:

**Comments:**

The toe measurement is on a channelized ditch basically. Water control structure in center of culvert. Small amount of water entering ditch currently.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, approximately 12 m DS of culvert 1310110.

### Site Comments:

Drainage ditch in pasture.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310111</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.36762</b>	Longitude: <b>-123.99651</b>	PI Total:

Field Review Crew: Lantz, Tschackofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.05"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.47"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.47"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="5.91"/>	FillDepth: <input type="text" value="0.25"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="0.17"/>
Ave. Bed Width (m):	<input type="text" value="0.50"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.94"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Toe is in drainage ditch, not really a stream channel.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, near culvert 1310111.

### Site Comments:

Second ditch just east of culverts 1310110 and 1310111, they drain to this ditch. Drains pasturelands.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310112</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.36745</b>	Longitude: <b>-123.99680</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.35"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.63"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.63"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="5.97"/>	FillDepth: <input type="text" value="0.90"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="Yes"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="1.00"/>
Ave. Bed Width (m):	<input type="text" value="1.50"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.42"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Toe is from channelized ditch. DS side crushed a little, wood frame around culvert contains roadway.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit. Approximately 20m away from culvert 1310110. Side spur off main refuge road.

### Site Comments:

Small slough that runs parallel with main refuge road. Same slough that culvert 1310110 is containing.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310113</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Unnamed</b>	WRIA:
Latitude: <b>46.36868</b>	Longitude: <b>-123.99602</b>	PI Total:

Field Review Crew: Lantz, Tschackofske    Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.40"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.60"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.60"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="5.59"/>	FillDepth: <input type="text" value="0.30"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

US side a bit crushed. Slough US and DS.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, in northeast corner where main road turns to head out to Porter Point.

### Site Comments:

Ditch slough, connects to Domon Creek DS. Pasture borders. Type 5 stream, not sure if it is tidally influenced currently. Not great habitat upstream. This channelized slough runs inside the dike.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310114</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>Unk</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Domon Cr. 24.0719</b>	WRIA: <b>24.0000</b>
Latitude: <b>46.37083</b>	Longitude: <b>-123.99526</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.04"/>	Length (m): <input type="text" value="0.30"/>	
Material: <input type="text" value="CAL"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="0.05"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="0.50"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.39"/>	FillDepth: <input type="text" value="1.40"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.25"/>
Culvert Slope (%):	<input type="text" value="1.06"/>
Ave. Bed Width (m):	<input type="text" value="1.00"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.65"/>



**Results:**

Barrier:       Passability (%):       Repair Status:       Method:

Problem:

**Comments:**

There is an old rusted out culvert buried next to this one- no longer useable. This is the newer replacement culvert.

**Potential Habitat Gain:**

Survey Type:       Length (m):       Spawning (sq m):       Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, heading out along the outer Porter Point dike.

### Site Comments:

Basically a road drainage. A small boggy/muddy area upstream.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310115</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.37144</b>	Longitude: <b>-123.99390</b>	PI Total:

Field Review Crew: Lantz, Tschackofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.02"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="5.94"/>	FillDepth: <input type="text" value="0.60"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="0.84"/>
Ave. Bed Width (m):	<input type="text" value="0.25"/>
Culvert/Stream Width Ratio:	<input type="text" value="2.60"/>



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In northern portion of Riekkola unit.

### Site Comments:

Double culvert with tidal gates on DS sides, and water control structures on US sides. Tidal slough runs through pasture land US and DS. Low tide currently (measurements). (1.2 is LB, and 2.2 is RB culvert.)

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310116</b>	Sequencer: <b>1.2</b>	Fish Use Potential: <b>Yes</b>
Stream: <b>Domon Cr</b>	Tributary To: <b>Tarlatt Slough</b>	WRIA: <b>24.0719</b>
Latitude: <b>46.3713544</b>	Longitude: <b>-124.0007671</b>	PI Total:

Field Review Crew: Lantz, Tschaeokfske    Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.40"/>	Length (m): <input type="text" value="8.00"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="1.00"/>	
Span (m): <input type="text" value="1.30"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="8.00"/>	
Rise (m): <input type="text" value="1.30"/>	Tidegate: <input type="text" value="Yes"/>		
Length (m): <input type="text" value="21.11"/>	FillDepth: <input type="text" value="3.00"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.60"/>
Culvert Slope (%):	<input type="text" value="1.23"/>
Ave. Bed Width (m):	<input type="text" value="2.00"/>
Culvert/Stream Width Ratio:	<input type="text" value="1.30"/>



**Results:**

Barrier:     Passability (%)     Repair Status:     Method:

Problem:

**Comments:**

Plunge pool is for low tide only. Rip rap around culverts. Wood slats for water control are a barrier currently to fish passage. The outfall would not be a barrier at high tide, but the tidal gates are a barrier according to WDFW standards.

**Potential Habitat Gain:**

Survey Type:     Length (m):     Spawning (sq m):     Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310116</b>	Sequencer: <b>2.2</b>	Fish Use Potential: <b>Yes</b>
Stream: <b>Domon Cr</b>	Tributary To: <b>Tarlatt Slough</b>	WRIA: <b>24.0719</b>
Latitude: <b>46.37135</b>	Longitude: <b>-124.00077</b>	PI Total:

Field Review Crew: Lantz, Tschaeckofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.40"/>	Length (m): <input type="text" value="8.00"/>	
Material: <input type="text" value="CST"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text" value="1.00"/>	
Span (m): <input type="text" value="1.30"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text" value="8.00"/>	
Rise (m): <input type="text" value="1.30"/>	Tidegate: <input type="text" value="Yes"/>		
Length (m): <input type="text" value="21.34"/>	FillDepth: <input type="text" value="3.00"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text" value="0.50"/>
Culvert Slope (%):	<input type="text" value="1.55"/>
Ave. Bed Width (m):	<input type="text" value="2.00"/>
Culvert/Stream Width Ratio:	<input type="text" value="1.30"/>



**Results:**

Barrier:       Passability (%)       Repair Status:       Method:

Problem:

**Comments:**

Plunge pool, toe, and outfall are only at low tide. The wood slats for the water control structure are currently a barrier to fish passage, which is temporary. The tidal gates are an automatic barrier according to WDFW standards.

**Potential Habitat Gain:**

Survey Type:       Length (m):       Spawning (sq m):       Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, in northwest corner.

### Site Comments:

Interior ditch slough runs along inside of dike, basically ends here.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310117</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>No</b>
Stream:	Tributary To:	WRIA:
Latitude: <b>46.37027</b>	Longitude: <b>-124.01184</b>	PI Total:

Field Review Crew: Lantz, Tschaekofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.20"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.60"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.60"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="9.85"/>	FillDepth: <input type="text" value="0.70"/>		

**Level A Parameters:**

Bed Material Present:

Outfall Drop (m):

Culvert Slope (%):

Ave. Bed Width (m):

Culvert/Stream Width Ratio:



**Results:**

Barrier:  Passability (%)  Repair Status:  Method:

Problem:

**Comments:**

Channelized ditch, toe is arbitrary. US end of culvert submerged.

**Potential Habitat Gain:**

Survey Type:  Length (m):  Spawning (sq m):  Rearing (sq m):

# WDFW Fish Passage and Diversion Inventory Database

## Site Description Report

Site ID:  Reported By:  Project:

### Geographic Coordinates

Latitude (WGS 84):   
Longitude (WGS 84):   
East (NAD 27):   
North (NAD 27):

### Owner

Name:   
Type:

### Evaluation Level Completed

- Report Logged
- Field Review
- Threshold Determination
- Expanded Threshold Determination
- Downstream Check
- Physical Survey

### General Location

Road Name:   
Mile Post:   
County:   
WDFW Region:   
1/4 Section:   
Section:   
Township:   
Range:

### Associated Features

- Culvert
- Gravity Diversion
- Fishway
- Pump Diversion
- Dam
- Other

### Waterbody

Stream:   
Tributary To:   
WRIA:   
River Mile:   
Fish Use Potential:   
FUP Criteria:

- Sockeye
- Sea Run Cutthroat
- Pink
- Resident Trout
- Chum
- Dolly/Bull Trout
- Chinook
- Brook Trout
- Coho
- 
- Steelhead

### Location/Directions:

In Riekkola unit, approximately 100m away from culvert. 1310116. On small side spur, on interior ditch slough that drains to Domon Creek.

### Site Comments:

Meets up with larger slough DS, which is part of Domon Creek.

# WDFW Fish Passage and Diversion Inventory Database

## Level A Culvert Assessment Report

Site ID: <b>1310118</b>	Sequencer: <b>1.1</b>	Fish Use Potential: <b>Yes</b>
Stream: <b>Unnamed</b>	Tributary To: <b>Domon Cr 24.0719</b>	WRIA: <b>24.0000</b>
Latitude:	Longitude:	PI Total:

Field Review Crew: Lantz, Tschaekofske      Field Review Date: 6/24/2004

Culvert Description		Plunge Pool	
Shape: <input type="text" value="RND"/>	Culvert H2O Depth (m): <input type="text" value="0.20"/>	Length (m): <input type="text"/>	
Material: <input type="text" value="PVC"/>	Velocity (m/sec): <input type="text"/>	Max Depth (m): <input type="text"/>	
Span (m): <input type="text" value="0.65"/>	Apron: <input type="text" value="No"/>	OHW Width (m): <input type="text"/>	
Rise (m): <input type="text" value="0.65"/>	Tidegate: <input type="text" value="No"/>		
Length (m): <input type="text" value="10.94"/>	FillDepth: <input type="text" value="0.90"/>		

**Level A Parameters:**

Bed Material Present:	<input type="text" value="No"/>
Outfall Drop (m):	<input type="text"/>
Culvert Slope (%):	<input type="text" value="0.46"/>
Ave. Bed Width (m):	<input type="text"/>
Culvert/Stream Width Ratio:	<input type="text"/>



**Results:**

Barrier:       Passability (%)       Repair Status:       Method:

Problem:

**Comments:**

Barrier status is unknown due to the tidal/freshwater slough DS. Level B analysis can not be performed to determine whether there is a velocity barrier here.

**Potential Habitat Gain:**

Survey Type:       Length (m):       Spawning (sq m):       Rearing (sq m):