

Wishkah Drainage - Barrier Inventory Results

Total sites inventoried = 389

Fish use of 389 inventoried sites

Yes, fish bearing = 225

No, non fish bearing = 154

Unable to determine fish use status = 10

Barrier status of 235 fish bearing sites (*Fish use = yes and unknown*)

Yes, a barrier = 153

No, not a barrier = 26

Unable to determine barrier status = 56

Percent passable of 153 Barrier Sites

0% passable, total barrier = 9

33% passable, severe barrier = 91

67% passable, partial barrier = 53

Ownership of 153 Fish Bearing, Barrier Sites

Private = 21

Municipal = 9

County = 51

State = 1

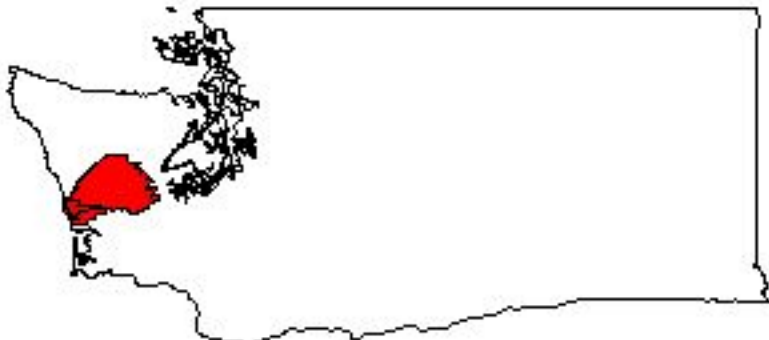
Federal = 0

Timber Companies = 71

Wishkah Watershed



Wishkah Watershed and WRIA 22



WRIA 22 and Washington State

WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0001

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: E Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99259
Longitude: -123.80441
WA state plane south (NAD 27, feet)
East: 1,175,932
North: 622,402

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0195
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 100 meters southeast of Wishkah Rd/Johnston Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Aberdeen
Type: City

Site Comments:

Heavily modified, straightened and ditched upstream. Driveway on left bank, private business right bank. Wishkah confluence approx. 10m downstream. Ordinary high water = 0.7 meters.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2003
Field Crew: Glore/McCaffrey
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 3.50
OHW (m): 2.00
Max Depth (m): 0.40

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.92
Rise (m): 0.92
Length (m): 34.19
Slope (%): 1.60
Bed Material: No
Outfall Drop (m): 0.30
WDIC (m): 0.10
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Toe unavailable due to confluence with main stem Wishkah.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0002

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: E Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99615
Longitude: -123.80200
WA state plane south (NAD 27, feet)
East: 1,176,588
North: 623,676

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.20 miles north of the Wishkah Rd/Johnston Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2003
Field Crew: Glore/McCaffrey
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.40
Span/Toe Ratio: 0.45

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.61
Length (m): 22.54
Slope (%): 0.90
Bed Material: No
Outfall Drop (m): 1.60
WDIC (m): 0.10
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Confluence with main stem Wishkah immediately downstream, no plunge pool. Level B not applicable due to tidal influence. Barrier for outfall drop at low tide.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0003

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bear Gulch Rd
County: Grays Harbor
1/4 Section: NE
Section: 34
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.00431
Longitude: -123.78882
WA state plane south (NAD 27, feet)
East: 1,179,999
North: 626,512

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: Bear Cr
Tributary To: Wishkah R 22.0191
WRIA: 22.0196
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.75 miles northeast of Bear Gulch Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.30
OHW (m): 3.60
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 2.10
Span/Toe Ratio: 1.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: CST
Span (m): 1.37
Rise (m): 1.23
Length (m): 11.02
Slope (%): 1.40
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.40
Apron: No
Fill Depth (m): 0.75
Tidegate: No

Culvert Comments:

Pipe 1.2 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0003

Fish Use:

Yes

PI:

Barrier:

Yes

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	1.35
Rise (m)	1.32
Length (m)	10.99
Slope (%)	0.00
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.40
Apron	No
Fill Depth (m)	0.75
Tidegate	No

Culvert Comments:

Pipe 2.2 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0004

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.55 miles northeast of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

Ordinary high water width is 0.45 meters.

SPECIES POTENTIAL

- | | |
|------------------------------------|--|
| <input type="checkbox"/> Sockeye | <input type="checkbox"/> Sea Run Cutthroat |
| <input type="checkbox"/> Pink | <input type="checkbox"/> Resident Trout |
| <input type="checkbox"/> Chum | <input type="checkbox"/> Dolly/Bull Trout |
| <input type="checkbox"/> Chinook | <input type="checkbox"/> Brook Trout |
| <input type="checkbox"/> Coho | <input type="checkbox"/> Brown Trout |
| <input type="checkbox"/> Steelhead | |

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0005

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bear Gulch Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	34
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.00365
Longitude:	-123.79409
WA state plane south (NAD 27, feet)	
East:	1,178,674
North:	626,327

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Bear Cr 22.0196
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.50 miles northeast of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

Ordinary high water width is 0.1 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/14/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.45
Rise (m)	0.45
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	
WDIC (m)	
Apron	
Fill Depth (m)	
Tidegate	

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0006

Fish Use: Unk

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: E Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 28
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.00966
Longitude: -123.79969
WA state plane south (NAD 27, feet)
East: 1,177,369
North: 628,574

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.90 miles north of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

No well defined stream channel, main stem of the Wishkah is 100 meters west of the culvert.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m):
Rise (m):
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

Measurements are unavailable. Culvert is mangled and submerged upstream and downstream of culvert. Culvert does not appear to be functioning. Unable to complete Level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0007

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: E Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 28
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.00999
Longitude: -123.79974
WA state plane south (NAD 27, feet)
East: 1,177,363
North: 628,696

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.95 miles north of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

Main stem of the Wishkah 100 meters west.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 2.80
OHW (m): 3.50
Max Depth (m): 0.75

CHANNEL DESCRIPTION

Toe Width (m): 1.60
Span/Toe Ratio: 0.28

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m): 12.39
Slope (%): 1.60
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.35
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Toe width is excavated, not representative of natural conditions. Appears to be another culvert beneath culvert 127W0007, can see upwelling and feel recessed area.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0008

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: E Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 28
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01541
Longitude: -123.80041
WA state plane south (NAD 27, feet)
East: 1,177,278
North: 630,679

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.3 miles north of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

Wetland habitat upstream and downstream of culvert.
OHW > 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/14/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 7.50
OHW (m): 5.50
Max Depth (m): 0.90

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: CST
Span (m): 0.92
Rise (m): 0.92
Length (m): 12.46
Slope (%): 0.90
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.20
Apron: No
Fill Depth (m): 0.70
Tidegate: No

Culvert Comments:

Pipe 1.2 is on the left bank. Toe width is unavailable due to wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0008

Fish Use:

Yes

PI:

Barrier:

Yes

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	0.62
Rise (m)	0.62
Length (m)	12.61
Slope (%)	1.20
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.20
Apron	No
Fill Depth (m)	0.70
Tidegate	No

Culvert Comments:

Pipe 2.2 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0009

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	E Wishkah Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.02413
Longitude:	-123.80122
WA state plane south (NAD 27, feet)	
East:	1,177,209
North:	633,862

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.05 miles north of Bear Gulch Rd/East Wishkah Rd junction.

Site Comments:

Ordinary high water width is 0.7 meters. Channel appears to be excavated, flow is ditch delivery with wetland and seep mix.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Richard Lantz
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/14/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.49
Rise (m)	0.48
Length (m)	11.77
Slope (%)	2.00
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.25
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Toe width and plunge pool is unavailable due to wetland influence. Culvert is deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0010

Fish Use: Unk

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99971
Longitude: -123.80816
WA state plane south (NAD 27, feet)
East: 1,175,108
North: 625,037

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of Olympic View Way/Wishkah Rd junction.

Site Comments:

Ordinary high water width is near 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/21/2004
Field Crew: Glore/Jobs
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.30
OHW (m): 0.18
Max Depth (m): 0.90

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.77

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.45
Length (m): 39.99
Slope (%): 3.40
Bed Material: No
Outfall Drop (m): 0.09
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.60
Tidegate: No

Culvert Comments:

Upstream end of culvert is PCC.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0011

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	28
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01876
Longitude:	-123.81568
WA state plane south (NAD 27, feet)	
East:	1,173,525
North:	632,057

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.85 miles north of Hoffman/Wishkah Rd junction, near driveway @ 3271 Wishkah Rd.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/21/2004
Field Crew:	Glore/Jobs
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.60
OHW (m)	0.45
Max Depth (m)	0.37

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.47
Rise (m)	0.45
Length (m)	11.78
Slope (%)	5.50
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.20
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Ordinary high water width is 0.6 meters. Downstream end of culvert is submerged. Toe width is unavailable due to wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0012

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Valley Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	28
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01859
Longitude:	-123.81590
WA state plane south (NAD 27, feet)	
East:	1,173,467
North:	631,998

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.85 miles north of Hoffman/Wishkah junction, beneath private driveway @ 3271 Wishkah Rd.

Site Comments:

Ordinary high water width is 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Joseph Thein
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/21/2004
Field Crew:	Glore/Jobs
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.20
OHW (m)	0.85
Max Depth (m)	0.10

CHANNEL DESCRIPTION

Toe Width (m)	1.10
Span/Toe Ratio	0.41

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.45
Rise (m)	0.45
Length (m)	9.44
Slope (%)	1.30
Bed Material	No
Outfall Drop (m)	0.12
WDIC (m)	0.05
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Toe width is not representative of the actual stream system, channel has been excavated.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0013

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	NW
Section:	28
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01759
Longitude:	-123.81666
WA state plane south (NAD 27, feet)	
East:	1,173,263
North:	631,641

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.85 miles north of Hoffman/Wishkah Rd junction, beneath drive for residence @ 3249 Wishkah Rd.

Site Comments:

Ordinary high water width is 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Herman Pruett
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/21/2004
Field Crew:	Glore/Jobs
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.60
OHW (m)	1.40
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	0.60
Span/Toe Ratio	1.00

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.61
Rise (m)	0.61
Length (m)	11.92
Slope (%)	1.10
Bed Material	No
Outfall Drop (m)	0.05
WDIC (m)	0.08
Apron	No
Fill Depth (m)	0.35
Tidegate	No

Culvert Comments:

Owner reports cutthroat and coho is stream . Stream diverted at county road, county owned culvert has failed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0014

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Luetz Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.02717
Longitude:	-123.81477
WA state plane south (NAD 27, feet)	
East:	1,173,879
North:	635,114

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 10 meters north of Luetz/Wishkah junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

Site Comments:

Wetland habitat upstream of culvert with some ditch delivery. Ordinary high water width is 0.6 meters.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/21/2004
Field Crew:	Glore/Jobs
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.91
Rise (m)	0.91
Length (m)	9.35
Slope (%)	2.70
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.20
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Excavated channel upstream and downstream of culvert obscures accurate toe width measurements. Downstream end of culvert is separated. Plunge pool and toe width flow directly into downstream culvert 127W0015.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0015

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Valley Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.02724
Longitude:	-123.81490
WA state plane south (NAD 27, feet)	
East:	1,173,848
North:	635,139

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 10 meters northeast of the southern Luetz Rd/Wishkah Rd junction.

Site Comments:

127W0014 is 10 meters upstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/21/2004
Field Crew:	Glore/Jobs
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.30
OHW (m)	2.75
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	2.20
Span/Toe Ratio	0.41

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.91
Rise (m)	0.91
Length (m)	11.84
Slope (%)	-0.97
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.50
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence.
Evidence of beaver activity around site.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0016

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Leutz Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.03136
Longitude:	-123.81514
WA state plane south (NAD 27, feet)	
East:	1,173,851
North:	636,645

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.30 miles north of the southern Lutz Rd/Wishkah Rd junction.

Site Comments:

Wetland habitat upstream and downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/28/2004
Field Crew:	Glore/Blatt/McCaffree
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	9.50
OHW (m)	5.15
Max Depth (m)	1.75

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	1.06
Rise (m)	1.06
Length (m)	9.53
Slope (%)	0.50
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	1.06
Apron	No
Fill Depth (m)	0.75
Tidegate	No

Culvert Comments:

Level B not applicable due to wetland/tidal influence at site.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0017

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Luetz Rd
County: Grays Harbor
1/4 Section: NW
Section: 21
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03157
Longitude: -123.81512
WA state plane south (NAD 27, feet)
East: 1,173,859
North: 636,719

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is located under driveway @ 49 Luetz Rd.

SPECIES POTENTIAL

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

OWNER

Name: Burlington
Type: Private

Site Comments:

Stream flows in ditch beneath private drive at 49 Luetz Rd. Ordinary high water width is 0.6 meters. Fish bearing stream has been diverted to run in a ditch beside road. Stream feeds into culvert 127W0016.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.25
Span/Toe Ratio: 2.05

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.4
Shape: RND
Material: SST
Span (m): 0.65
Rise (m): 0.65
Length (m): 4.96
Slope (%): -0.60
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.40
Apron: No
Fill Depth (m): 0.10
Tidegate: No

Culvert Comments:

Level B not applicable due to ditching, stream modification. No measurable plunge pool or downstream control. Culvert 1.4 is on the left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0017

Fish Use: Yes

PI:

Barrier: Unk

CULVERT DESCRIPTION

Sequencer:	2.4
Shape	RND
Material	SST
Span (m)	0.63
Rise (m)	0.63
Length (m)	5.55
Slope (%)	-0.54
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.53
Apron	No
Fill Depth (m)	0.20
Tidegate	No

Culvert Comments:

Level B not applicable due to ditching, stream modification. No measurable plunge pool or downstream control. Culvert 2.4 is located second over from left bank.



CULVERT DESCRIPTION

Sequencer:	3.4
Shape	RND
Material	SST
Span (m)	0.65
Rise (m)	0.65
Length (m)	5.13
Slope (%)	0.39
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	
Apron	No
Fill Depth (m)	0.30
Tidegate	No

Culvert Comments:

Level B not applicable due to ditching, stream modification. No measurable plunge pool or downstream control. Culvert 3.4 has a bell at the upstream end.



CULVERT DESCRIPTION

Sequencer:	4.4
Shape	RND
Material	SST
Span (m)	0.63
Rise (m)	0.63
Length (m)	4.98
Slope (%)	0.60
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	
Apron	No
Fill Depth (m)	0.10
Tidegate	No

Culvert Comments:

Level B not applicable due to ditching, stream modification. No measurable plunge pool or downstream control. Culvert 4.4 is located on the right bank of channel.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0018

Fish Use: Yes

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.35 miles north of southern Luetz Rd/Wishkah Rd junction, beneath private drive @ 63 Luetz Rd.

Site Comments:

Likely that stream side timbers are submerged during high flows. Stream channel fenced downstream.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape
Material
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:

WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0019

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Luetz Rd
County: Grays Harbor
1/4 Section: NW
Section: 21
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03400
Longitude: -123.81523
WA state plane south (NAD 27, feet)
East: 1,173,871
North: 637,607

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.45 miles north of southern Luetz Rd/Wishkah Rd junction, beneath private drive @ 75 Luetz Rd.

Site Comments:

Stream has been diverted into ditch that runs along road. Ordinary high water width is 2.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: J Miller
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 4.25
OHW (m): 3.30
Max Depth (m): 0.65

CHANNEL DESCRIPTION

Toe Width (m): 1.55
Span/Toe Ratio: 0.68

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 1.06
Rise (m): 1.04
Length (m): 8.76
Slope (%): -0.90
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.51
Apron: BE
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:

Level B not applicable due to stream modification/ditching. Culvert is round, cst at the upstream end with a rise of 1.2 and a span of 1.26. Culvert has ecology blocks placed on and around it.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0020

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Luetz Rd
County: Grays Harbor
1/4 Section: NW
Section: 21
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03456
Longitude: -123.81492
WA state plane south (NAD 27, feet)
East: 1,173,955
North: 637,808

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.50 miles north of southern Luetz Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Robert and Verlayne Talevici
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.75
Span/Toe Ratio: 1.08

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: SQSH
Material: CST
Span (m): 1.89
Rise (m): 1.26
Length (m): 6.96
Slope (%): -0.10
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.27
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0021

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.03124
Longitude:	-123.81255
WA state plane south (NAD 27, feet)	
East:	1,174,495
North:	636,571

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.30 miles north of southern Luetz Rd junction.

Site Comments:

Wetland influence upstream and downstream. OHW > 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/28/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	6.05
OHW (m)	3.20
Max Depth (m)	0.75

CHANNEL DESCRIPTION

Toe Width (m)	2.25
Span/Toe Ratio	0.43

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.96
Rise (m)	0.83
Length (m)	20.11
Slope (%)	-0.25
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.83
Apron	No
Fill Depth (m)	2.25
Tidegate	No

Culvert Comments:

Pipe completely submerged during high flows. Level B analysis not applicable due to tidal/wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0022

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 21
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03156
Longitude: -123.81192
WA state plane south (NAD 27, feet)
East: 1,174,658
North: 636,681

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Biological

Location / Directions:

Water crossing is approximately 0.30 miles north of southern Luetz Rd/Wishkah Rd junction.

Site Comments:

Wetland habitat upstream and downstream. Numerous juvenile coho at site.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 0.65
OHW (m): 0.65
Max Depth (m): 0.35

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.61
Length (m): 17.82
Slope (%): 0.40
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.61
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Both ends of culvert completely submerged during high flows. Level B analysis not applicable due to wetlands upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0023

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	21
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.03259
Longitude:	-123.81120
WA state plane south (NAD 27, feet)	
East:	1,174,851
North:	637,049

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 50 meters south of the northern Luetz Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/28/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	0.80
OHW (m)	0.55
Max Depth (m)	0.65

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	0.47

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.33
Rise (m)	0.33
Length (m)	17.96
Slope (%)	3.51
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.33
Apron	No
Fill Depth (m)	2.01
Tidegate	No

Culvert Comments:

Downstream end of culvert is completely submerged. Channel joins Wishkah 30 meters downstream of culvert, which is tidally influenced at this point.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0024

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 21
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03603
Longitude: -123.80922
WA state plane south (NAD 27, feet)
East: 1,175,398
North: 638,285

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.20 miles north of the northern Luetz Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.65
Rise (m): 0.65
Length (m): 18.70
Slope (%): 0.70
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.65
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Downstream end of pipe completely submerged. Beaver dam 20 meters downstream is backwatering site. Confluence with main stem Wishkah is approx. 50 meters downstream. Level B analysis not applicable due to tidal and wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0025

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	16
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.03898
Longitude:	-123.80515
WA state plane south (NAD 27, feet)	
East:	1,176,456
North:	639,316

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.50 miles north of northern Luetz Rd/Wishkah Rd junction.

Site Comments:

Outfall is into main stem Wishkah.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/28/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.94
Rise (m)	0.94
Length (m)	15.41
Slope (%)	4.15
Bed Material	No
Outfall Drop (m)	0.18
WDIC (m)	0.03
Apron	DS
Fill Depth (m)	2.75
Tidegate	No

Culvert Comments:

Toe and plunge pool unavailable due to confluence with main stem Wishkah. Rebar gate on upstream end of culvert with 4"x4" grates. Upstream end of pipe is round cst (.61x.61). Wooden apron on downstream end.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0026

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.04056
Longitude: -123.79923
WA state plane south (NAD 27, feet)
East: 1,177,955
North: 639,829

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.80 miles north of northern Luetz Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

Site Comments:

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.30
OHW (m): 0.90
Max Depth (m): 0.62

CHANNEL DESCRIPTION

Toe Width (m): 1.65
Span/Toe Ratio: 0.47

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: PCC
Span (m): 0.47
Rise (m): 0.47
Length (m): 13.10
Slope (%): 0.23
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.47
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Two pipes 7 meters apart pass water for the same stream. Pipe 1.2 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0026

Fish Use: Yes

PI:

Barrier: Yes

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	PCC
Span (m)	0.31
Rise (m)	0.31
Length (m)	12.14
Slope (%)	1.48
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.20
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Plunge pool excavated, flows into drainage ditch downstream. Pipe 2.2 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0027

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.04056
Longitude: -123.79856
WA state plane south (NAD 27, feet)
East: 1,178,124
North: 639,824

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.80 miles northeast of northern Luetz Rd/Wishkah Rd junction.

Site Comments:

Source of flow is small wetland/seep area 50 meters upstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 1/28/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0028

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	15
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.04229
Longitude:	-123.79271
WA state plane south (NAD 27, feet)	
East:	1,179,607
North:	640,392

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wyman Cr 22.0198
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.55 miles south of Wishkah Rd/Aberdeen Gardens Rd junction.

Site Comments:

The main stem of the Wishkah is about 50 meters downstream of culvert. OHW > 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	1/28/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.45
OHW (m)	3.40
Max Depth (m)	0.65

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	0.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.77
Rise (m)	0.77
Length (m)	18.23
Slope (%)	0.66
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.68
Apron	No
Fill Depth (m)	2.80
Tidegate	No

Culvert Comments:

Level B analysis not applicable due to tidal influence. Stream is backwatered upstream. Beaver dam about 15 meters upstream of the culvert, with beaver debris in the upstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0029

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 5 meters west of the Aberdeen Gardens Rd/James St junction.

SPECIES POTENTIAL

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

Site Comments:

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

Downstream end of culvert is round corrugated steel with a rise of 0.75 and a span of 0.77. Appears that the sleeve was added to the downstream end of culvert at some point, possible gradient break.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0030

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.10 miles south of Riverside Rd East/Aberdeen Gardens Rd.

Site Comments:

Main stem of Wishkah is approximately 25 meters downstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0031

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Riverside Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	15
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.04170
Longitude:	-123.78334
WA state plane south (NAD 27, feet)	
East:	1,181,931
North:	640,080

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.50 miles south of Riverside Rd/Aberdeen Gardens Rd junction.

Site Comments:

Stream flows from pipe into cement channel next to barn, appears to be waste transport.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	10.00
OHW (m)	0.60
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	0.64

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.45
Rise (m)	0.45
Length (m)	13.88
Slope (%)	2.80
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.10
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Channel appears to be used as waste transport from adjacent barn.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0032

Fish Use: Unk

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.45 miles south of Riverside Rd E/ Aberdeen Gardens Rd junction.

Site Comments:

Upstream heavily modified (ponds, landscaped channel, etc)

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

No plunge pool as stream flows directly into riffles. Toe unavailable due to private property upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0033

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.20 miles south of Riverside Rd/Aberdeen Gardens Rd junction.

Site Comments:

OHW > 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

Upstream end of pipe RND, PVC (.51x.51)



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0034

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 1.1 miles west of Aberdeen Gardens Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

Horizontal bend at downstream end, no plunge pool as stream channel has been heavily modified.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0035

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Aberdeen Gardens Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	11
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.05663
Longitude:	-123.77041
WA state plane south (NAD 27, feet)	
East:	1,185,378
North:	645,386

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.45 miles northwest of Aberdeen Gardens Rd/Wishkah Rd junction.

Site Comments:

OHW > 0.6 meters.

SPECIES POTENTIAL

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

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.25
OHW (m)	1.00
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.45
Rise (m)	0.45
Length (m)	8.58
Slope (%)	3.90
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.33
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Plunge pool excavated. Toe unavailable with wetland upstream and heavy stream modifications downstream.. 2" PVC pipe running through culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0036

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 1.55 miles northwest of Aberdeen Gardens Rd/Wishkah Rd junction.

Site Comments:

Private driveway 10 meters off of left bank.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

Downstream end completely submerged, small building on right bank 5 meters upstream of pipe looks to be pump house.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0037

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Vienna Rd
County: Grays Harbor
1/4 Section: NE
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.05121
Longitude: -123.78177
WA state plane south (NAD 27, feet)
East: 1,182,467
North: 643,528

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.10 miles north of Vienna Rd/Aberdeen Gardens Rd junction.

Site Comments:

OHW = 1.2 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/2/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.15
OHW (m): 2.10
Max Depth (m): 0.50

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.67

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.60
Rise (m): 0.60
Length (m): 12.49
Slope (%): 2.40
Bed Material: No
Outfall Drop (m): 0.24
WDIC (m): 0.10
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Channel appears to be excavated downstream of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0038

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Vienna Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	15
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.05181
Longitude:	-123.77979
WA state plane south (NAD 27, feet)	
East:	1,182,969
North:	643,728

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.20 miles north of Vienna Rd/Aberdeen Gardens Rd junction.

Site Comments:

OHW = 0.3 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.30
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.45
Rise (m)	0.45
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0039

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: James Dr
County: Grays Harbor
1/4 Section: NE
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.04827
Longitude: -123.78687
WA state plane south (NAD 27, feet)
East: 1,181,153
North: 642,509

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.20 miles south of James Dr/Aberdeen Gardens Rd junction.

Site Comments:

OHW measurement unobtainable, perennial grasses growing through a poorly defined stream channel. Confluence of 127W0039 and 127W0040 is 10 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Dianna Malone
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/2/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 0.32
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.88
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Pipe is closest to house (127W0039 and 127W0040 are in close proximity).



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0040

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: James Dr
County: Grays Harbor
1/4 Section: NE
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.04827
Longitude: -123.78662
WA state plane south (NAD 27, feet)
East: 1,181,215
North: 642,507

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.20 miles south of James Dr/ Aberdeen Gardens Rd junction.

Site Comments:

OHW = 0.30 meters, perennials growing through poorly defined stream channel. Merges with 127W0039 10 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Dianna Malone
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/2/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.10
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Pipe is furthest away from house (127W0039 and 127W0040 are in close proximity).



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0041

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	10
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.05916
Longitude:	-123.77882
WA state plane south (NAD 27, feet)	
East:	1,183,321
North:	646,394

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.40 miles north of Wishkah Rd/Rainier Garden Rd junction.

Site Comments:

Upstream end of pipe buried under large debris pile (looks like an old house collapsed on bank and covers site where culvert should be. OHW = 1.2 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.30
OHW (m)	1.10
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	0.68

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.20
Apron	No
Fill Depth (m)	5.00
Tidegate	No

Culvert Comments:

Pipe drains into another smaller stream (127W0042) that is mainly ditch delivery from Wishkah Rd. Need to move debris pile on US end to complete level A evaluation. (need a bulldozer or other heavy equipment to move pile)



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0042

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	10
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.05884
Longitude:	-123.77885
WA state plane south (NAD 27, feet)	
East:	1,183,309
North:	646,279

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Gravel access road to pasture is located on the east side of Wishkah Rd at approximately 0.4 miles north of Wishkah Rd/Rainier Garden Rd junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Wayne Darrin
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBRQ
Repair Status	NG
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.00
OHW (m)	0.90
Max Depth (m)	0.28

CHANNEL DESCRIPTION

Toe Width (m)	1.20
Span/Toe Ratio	0.32

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.38
Rise (m)	0.39
Length (m)	12.21
Slope (%)	0.25
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.30
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:

Level B required, but no substantial habitat gain (<200m US).



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0043

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	10
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.06093
Longitude:	-123.77864
WA state plane south (NAD 27, feet)	
East:	1,183,394
North:	647,039

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of Wishkah Rd/Rainier Garden Rd junction.

Site Comments:

OHW = 0.95 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.00
OHW (m)	1.80
Max Depth (m)	0.55

CHANNEL DESCRIPTION

Toe Width (m)	0.75
Span/Toe Ratio	0.80

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.60
Rise (m)	0.60
Length (m)	21.85
Slope (%)	1.20
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.60
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

Plunge pool is at confluence with roadside stream. Downstream end of pipe is completely submerged.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0044

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	2
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.06920
Longitude:	-123.77141
WA state plane south (NAD 27, feet)	
East:	1,185,319
North:	649,977

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 15 meters south of Johnson Rd, beneath driveway for residence @ 43 Johnson Rd.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Ken and Brenda Johnson
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/2/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.80
Span/Toe Ratio	0.75

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.60
Rise (m)	0.60
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.60
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:

Downstream end completely submerged, upstream clogged with debris. Unable to locate downstream end due to depth and high turbidity of plunge pool. Unable to complete Level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0045

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08410
Longitude: -123.76549
WA state plane south (NAD 27, feet)
East: 1,187,018
North: 655,346

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

Upstream perennial grasses growing throughout channel. OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/2/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.20
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0046

Fish Use:

Unk

PI:

Barrier:

Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08453
Longitude: -123.76508
WA state plane south (NAD 27, feet)
East: 1,187,127
North: 655,498

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.30 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

OHW near 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/2/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.10
OHW (m): 1.20
Max Depth (m): 0.40

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.47

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.28
Rise (m): 0.26
Length (m): 11.67
Slope (%): 3.50
Bed Material: No
Outfall Drop (m): 0.90
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Downstream end of pipe slightly deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0047

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08066
Longitude: -123.76624
WA state plane south (NAD 27, feet)
East: 1,186,780
North: 654,099

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 50 m east of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.43
Rise (m): 0.43
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Perennial vegetation throughout channel.
Downstream end of pipe is beveled.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0048

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.07993
Longitude: -123.76336
WA state plane south (NAD 27, feet)
East: 1,187,485
North: 653,805

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.48
Rise (m): 0.48
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.03
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

EF Wishkah 100 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0049

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08093
Longitude: -123.76130
WA state plane south (NAD 27, feet)
East: 1,188,014
North: 654,148

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.40
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.05
Tidegate: No

Culvert Comments:

Flows 75 meters to flat level meadow. Large pooled standing water at time of survey, dry during summer.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0050

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08143
Longitude: -123.76044
WA state plane south (NAD 27, feet)
East: 1,188,234
North: 654,321

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.30 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

Flows about 75 meters to join level meadow downstream, large pooled water at time of survey.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.08
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.80
Tidegate: No

Culvert Comments:

OHW = 0.4 meters



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0051

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08314
Longitude: -123.74892
WA state plane south (NAD 27, feet)
East: 1,191,127
North: 654,826

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.90 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.55
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.42
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.25
WDIC (m): 0.00
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0052

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08340
Longitude: -123.74788
WA state plane south (NAD 27, feet)
East: 1,191,390
North: 654,909

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.95 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.40
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 2.80
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Steep channel downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0053

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08373
Longitude: -123.74659
WA state plane south (NAD 27, feet)
East: 1,191,718
North: 655,017

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.0 mile east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 0.90
OHW (m): 0.85
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 0.69

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.48
Rise (m): 0.47
Length (m): 16.55
Slope (%): 1.80
Bed Material: No
Outfall Drop (m): 1.90
WDIC (m): 0.06
Apron: No
Fill Depth (m): 2.30
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0054

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08371
Longitude: -123.74665
WA state plane south (NAD 27, feet)
East: 1,191,702
North: 655,010

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.0 mile east of Wynoochee Wishkah Rd/Wishkah Rd junction, 1 meter downstream of 127W0053.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

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

OWNER

Name: Marsha Camus
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/4/2004
Field Crew: Glore/Ricklefs
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 0.95
OHW (m): 0.80
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 0.56

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: SST
Span (m): 0.39
Rise (m): 0.39
Length (m): 6.85
Slope (%): 2.62
Bed Material: No
Outfall Drop (m): 0.50
WDIC (m): 0.08
Apron: No
Fill Depth (m): 1.10
Tidegate: No

Culvert Comments:

Old pipe that once extended across road is now broken. Only a small segment remains, but it receives entire stream flow. Pipe is deteriorated and breaking apart.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0055

Fish Use: Yes

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08381
Longitude: -123.74682
WA state plane south (NAD 27, feet)
East: 1,191,662
North: 655,047

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.0 mile east of Wynoochee Wishkah Rd/Wishkah Rd junction, 20 meters downstream of 127W0053 and 127W0054 on abandoned skid road.

Site Comments:

Old timber puncheon is in poor condition, timbers are deteriorating and failing.

SPECIES POTENTIAL

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

OWNER

Name: Marsha Camus
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m):
Rise (m):
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0056

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 31
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08898
Longitude: -123.72989
WA state plane south (NAD 27, feet)
East: 1,195,952
North: 656,760

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0201
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.9 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/11/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.75
OHW (m): 2.40
Max Depth (m): 0.90

CHANNEL DESCRIPTION

Toe Width (m): 1.05
Span/Toe Ratio: 0.57

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.60
Rise (m): 0.60
Length (m): 48.38
Slope (%): 2.70
Bed Material: No
Outfall Drop (m): 2.03
WDIC (m): 0.05
Apron: No
Fill Depth (m): 10.50
Tidegate: No

Culvert Comments:

Series of small cascades beneath culvert for 15 meters, last section of pipe has dislodged and lying on left bank beneath culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0057

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wynoochee Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	31
Township:	19N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.08885
Longitude:	-123.73304
WA state plane south (NAD 27, feet)	
East:	1,195,166
North:	656,745

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0201
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.75 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/11/2004
Field Crew:	Glore/Lutz
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	1.85
OHW (m)	1.05
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	0.95
Span/Toe Ratio	0.38

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.36
Rise (m)	0.36
Length (m)	18.63
Slope (%)	8.80
Bed Material	No
Outfall Drop (m)	1.55
WDIC (m)	0.05
Apron	No
Fill Depth (m)	3.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0058

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 31
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08881
Longitude: -123.73463
WA state plane south (NAD 27, feet)
East: 1,194,770
North: 656,746

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0201
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.7 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/11/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.00
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0059

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08835
Longitude: -123.73633
WA state plane south (NAD 27, feet)
East: 1,194,339
North: 656,597

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Satsop 22.0364
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.6 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/11/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 0.90
OHW (m): 0.60
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 1.15
Span/Toe Ratio: 0.55

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.63
Rise (m): 0.63
Length (m): 45.22
Slope (%): 6.60
Bed Material: No
Outfall Drop (m): 0.50
WDIC (m): 0.04
Apron: No
Fill Depth (m): 12.00
Tidegate: No

Culvert Comments:

Stream flows over exposed bedrock through a series of small cascades downstream, toe measurement taken upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0060

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wynoochee Wishkah Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	36
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.08577
Longitude:	-123.74184
WA state plane south (NAD 27, feet)	
East:	1,192,929
North:	655,713

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0201
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.3 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

Garbage upstream and downstream, some obvious signs of meth production as hundreds of pill bottles are scattered around site.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/11/2004
Field Crew:	Glore/Lutz
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.85
OHW (m)	2.20
Max Depth (m)	0.45

CHANNEL DESCRIPTION

Toe Width (m)	2.15
Span/Toe Ratio	0.35

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.76
Rise (m)	0.76
Length (m)	65.62
Slope (%)	3.20
Bed Material	No
Outfall Drop (m)	0.23
WDIC (m)	0.08
Apron	No
Fill Depth (m)	16.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0061

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08507
Longitude: -123.74326
WA state plane south (NAD 27, feet)
East: 1,192,566
North: 655,472

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0201
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.2 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/11/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.20
OHW (m): 1.00
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.33
WDIC (m): 0.04
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Natural point barrier 10 meters downstream of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0062

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wynoochee Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08420
Longitude: -123.74529
WA state plane south (NAD 27, feet)
East: 1,192,048
North: 655,174

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0201
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.10 miles east of Wynoochee Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/11/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: OTH
Span (m): 0.27
Rise (m): 0.27
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.06
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Culvert is hard red porcelain material.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0063

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08710
Longitude: -123.76453
WA state plane south (NAD 27, feet)
East: 1,187,302
North: 656,431

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/18/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.30
OHW (m): 1.25
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.50

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.45
Rise (m): 0.45
Length (m): 21.92
Slope (%): 4.70
Bed Material: No
Outfall Drop (m): 0.28
WDIC (m): 0.15
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0064

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 35
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.08879
Longitude: -123.76595
WA state plane south (NAD 27, feet)
East: 1,186,975
North: 657,061

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.60 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

OHW and toe = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/18/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.58

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.29
Rise (m): 0.29
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0065

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	26
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.09542
Longitude:	-123.76783
WA state plane south (NAD 27, feet)	
East:	1,186,606
North:	659,495

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.1 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/18/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.20
OHW (m)	1.30
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	1.05
Span/Toe Ratio	0.60

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.63
Rise (m)	0.63
Length (m)	23.70
Slope (%)	1.90
Bed Material	No
Outfall Drop (m)	0.18
WDIC (m)	0.12
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0066

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	26
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.09550
Longitude:	-123.76745
WA state plane south (NAD 27, feet)	
East:	1,186,703
North:	659,522

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.1 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction, 20 meters upstream of 127W0065.

Site Comments:

Upstream end of culvert is buried by log, unable to complete level A evaluation.

SPECIES POTENTIAL

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

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/18/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.20
OHW (m)	0.90
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	1.05
Span/Toe Ratio	0.58

POTENTIAL HABITAT GAIN

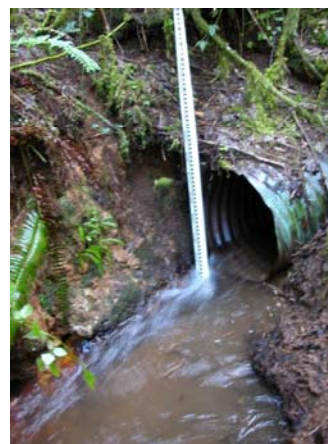
Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.08
Apron	No
Fill Depth (m)	2.50
Tidegate	No

Culvert Comments:

Upstream end of pipe is recessed with a fallen log blocking the inlet of the pipe. Culvert still passes water but can not complete level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0067

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	26
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.09811
Longitude:	-123.77118
WA state plane south (NAD 27, feet)	
East:	1,185,813
North:	660,509

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.35 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/18/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	13.45
OHW (m)	3.40
Max Depth (m)	0.65

CHANNEL DESCRIPTION

Toe Width (m)	1.95
Span/Toe Ratio	0.46

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.90
Rise (m)	0.90
Length (m)	62.56
Slope (%)	3.50
Bed Material	No
Outfall Drop (m)	0.60
WDIC (m)	0.15
Apron	No
Fill Depth (m)	15.00
Tidegate	No

Culvert Comments:

The outfall is skewed to left and shoots into clay bank before falling into plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0068

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	26
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.10265
Longitude:	-123.77609
WA state plane south (NAD 27, feet)	
East:	1,184,660
North:	662,214

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.75 miles north of Wishkah Rd/Wynoochee Wishkah Rd junction.

Site Comments:

OHW > 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/18/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.00
OHW (m)	1.10
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.60
Span/Toe Ratio	0.55

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.33
Rise (m)	0.33
Length (m)	14.60
Slope (%)	2.30
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.33
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Perennial grasses growing through stream channel, but toe width = 0.60 meters, sampled preformed to err on the side of caution.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0069

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.70 miles west of Hoquaim Wishkah Rd/Wishkah Rd junction.

Site Comments:

Natural point barrier 4 meters downstream of pipe.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0070

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.90 miles west of Hoquiam Wishkah Rd/Wishkah Rd junction.

Site Comments:

Natural point barrier 10 meters downstream as stream plunges off cliff into Wishkah.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0071

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Hoquiam Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	22
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.11144
Longitude:	-123.79105
WA state plane south (NAD 27, feet)	
East:	1,181,073
North:	665,575

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.95 miles west of Hoquiam Wishkah Rd/Wishkah Rd junction.

Site Comments:

No access to downstream end of pipe, trib drains onto private property behind large wooden fence. Pipe is not visible. OHW = 0.9 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/18/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.65
Span/Toe Ratio	0.72

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.62
Rise (m)	0.62
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	
WDIC (m)	0.10
Apron	
Fill Depth (m)	
Tidegate	

Culvert Comments:

Unable to complete level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0072

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 22
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.11115
Longitude: -123.77874
WA state plane south (NAD 27, feet)
East: 1,184,130
North: 665,341

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles north of Wishkah Rd/Hoquiam Wishkah Rd junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/20/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.50

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CPC
Span (m): 0.30
Rise (m): 0.30
Length (m): 17.75
Slope (%): 2.60
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.15
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Natural log weir 3 meters downstream is backwatering culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0073

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: West Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 14
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13578
Longitude: -123.77335
WA state plane south (NAD 27, feet)
East: 1,185,843
North: 674,262

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0291
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.35 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Natural point barrier measuring 6 vertical meters, 25 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/20/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 4.00
OHW (m): 1.80
Max Depth (m): 1.35

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.75

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0074

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	West Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	11
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.13849
Longitude:	-123.77286
WA state plane south (NAD 27, feet)	
East:	1,186,006
North:	675,244

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.5 miles north of W Wishkah Rd/ Wishkah Rd junction.

Site Comments:

Natural point barrier measuring 20 vertical meters, 50 meters downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/20/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.50
OHW (m)	2.75
Max Depth (m)	0.40

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.45
Rise (m)	0.45
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.37
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0075

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	West Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.12210
Longitude:	-123.77629
WA state plane south (NAD 27, feet)	
East:	1,184,906
North:	669,304

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.40 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Series of log weirs downstream create stepped pools.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/20/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	3.05
Span/Toe Ratio	0.34

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	1.05
Rise (m)	1.05
Length (m)	43.58
Slope (%)	1.10
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.45
Apron	No
Fill Depth (m)	8.00
Tidegate	No

Culvert Comments:

Site backwatered by downstream weirs, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0076

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private property
County:	Grays Harbor
1/4 Section:	NE
Section:	22
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.12241
Longitude:	-123.77764
WA state plane south (NAD 27, feet)	
East:	1,184,575
North:	669,431

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is located behind private residence @ 4612 Wishkah Rd, approx. 75 meters downstream of 127W0075.

Site Comments:

Arched pipe with baffles upstream and downstream. Landowner reports returning adult steelhead and coho.

SPECIES POTENTIAL

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

OWNER

Name:	James "Okie" Thompson
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	5.10
OHW (m)	3.60
Max Depth (m)	0.90

CHANNEL DESCRIPTION

Toe Width (m)	3.05
Span/Toe Ratio	0.67

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	SQSH
Material	CST
Span (m)	1.05
Rise (m)	1.35
Length (m)	5.53
Slope (%)	5.20
Bed Material	No
Outfall Drop (m)	0.22
WDIC (m)	0.60
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Pipe fails level A analysis (slope), but barrier status is unknown due to influence of baffles in culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0077

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.11785
Longitude:	-123.77161
WA state plane south (NAD 27, feet)	
East:	1,186,004
North:	667,707

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.25 miles northwest of West Wishkah Rd/Wishkah Rd junction, near southeast end of Wishkah School parking lot.

Site Comments:

Upstream end borders school complex, residential use downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LB
Repair Status	UD
Problem	velocity

PLUNGE POOL DESCRIPTION

Length (m)	5.80
OHW (m)	2.60
Max Depth (m)	0.90

CHANNEL DESCRIPTION

Toe Width (m)	1.30
Span/Toe Ratio	0.61

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.79
Rise (m)	0.79
Length (m)	45.56
Slope (%)	0.35
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.17
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Upstream end of pipe deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0078

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.11830
Longitude:	-123.76999
WA state plane south (NAD 27, feet)	
East:	1,186,416
North:	667,857

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0222
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.30 miles northwest of West Wishkah Rd/ Wishkah Rd junction, near northern end of Wishkah School parking lot.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.80
OHW (m)	1.60
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	1.50
Span/Toe Ratio	0.60

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.90
Rise (m)	0.90
Length (m)	12.24
Slope (%)	1.30
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.22
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0079

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	NW
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.11848
Longitude:	-123.77000
WA state plane south (NAD 27, feet)	
East:	1,186,415
North:	667,923

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0222
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing in located beneath driveway @ 4653 Wishkah Rd, approximately 25 meters downstream of 127W0078.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Ken and Jeri Allen
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	3.20
OHW (m)	3.30
Max Depth (m)	0.70

CHANNEL DESCRIPTION

Toe Width (m)	1.50
Span/Toe Ratio	0.63

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.95
Rise (m)	0.87
Length (m)	5.40
Slope (%)	3.50
Bed Material	No
Outfall Drop (m)	0.20
WDIC (m)	0.10
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0080

Fish Use: No

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.11998
Longitude:	-123.76457
WA state plane south (NAD 27, feet)	
East:	1,187,789
North:	668,413

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.60 miles north of West Wishkah Rd/Wishkah Rd junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

Site Comments:

Perennial grasses growing in channel upstream, drains cattle pasture. No habitat gain.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBRQ
Repair Status	NG
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	0.90
OHW (m)	1.10
Max Depth (m)	0.14

CHANNEL DESCRIPTION

Toe Width (m)	0.80
Span/Toe Ratio	0.79

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.63
Rise (m)	0.63
Length (m)	13.77
Slope (%)	0.94
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	1.10
Tidegate	No

Culvert Comments:

Level B not completed due to no substantial upstream habitat gain.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0081

Fish Use: Unk

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 23
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12019
Longitude: -123.76397
WA state plane south (NAD 27, feet)
East: 1,187,942
North: 668,483

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.65 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW near 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 3.80
OHW (m): 1.00
Max Depth (m): 0.60

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.60
Rise (m): 0.60
Length (m): 10.60
Slope (%): 1.90
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.50
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Pipe beginning to separate and fail downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0082

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NE
Section: 23
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12103
Longitude: -123.76112
WA state plane south (NAD 27, feet)
East: 1,188,662
North: 668,760

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.80 miles northeast of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/23/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.29
Rise (m): 0.29
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.29
Apron: No
Fill Depth (m): 0.95
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0083

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.12166
Longitude:	-123.75906
WA state plane south (NAD 27, feet)	
East:	1,189,185
North:	668,966

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.90 miles northeast of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Wetland upstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	67
Method	LB
Repair Status	UD
Problem	depth

PLUNGE POOL DESCRIPTION

Length (m)	6.30
OHW (m)	1.80
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	0.80

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.87
Rise (m)	0.53
Length (m)	15.74
Slope (%)	0.83
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.36
Apron	No
Fill Depth (m)	0.80
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0084

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.30 miles east of Pierce Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0085

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 14
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12453
Longitude: -123.75554
WA state plane south (NAD 27, feet)
East: 1,190,102
North: 669,976

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.10 miles north of Pierce Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 3.85
OHW (m): 2.35
Max Depth (m): 0.55

CHANNEL DESCRIPTION

Toe Width (m): 1.70
Span/Toe Ratio: 0.27

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.46
Rise (m): 0.46
Length (m): 9.92
Slope (%): 1.40
Bed Material: No
Outfall Drop (m): 0.13
WDIC (m): 0.11
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0086

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 14
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12668
Longitude: -123.75508
WA state plane south (NAD 27, feet)
East: 1,190,249
North: 670,755

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.25 miles north of Pierce Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 4.55
OHW (m): 3.40
Max Depth (m): 0.55

CHANNEL DESCRIPTION

Toe Width (m): 2.10
Span/Toe Ratio: 0.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.64
Rise (m): 0.64
Length (m): 13.03
Slope (%): 2.80
Bed Material: No
Outfall Drop (m): 0.75
WDIC (m): 0.11
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

CST extension on downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0087

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	13
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.12916
Longitude:	-123.75451
WA state plane south (NAD 27, feet)	
East:	1,190,429
North:	671,652

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.40 miles north of Pierce Rd/Wishkah Rd junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	0
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	6.60
OHW (m)	2.80
Max Depth (m)	1.20

CHANNEL DESCRIPTION

Toe Width (m)	1.65
Span/Toe Ratio	0.55

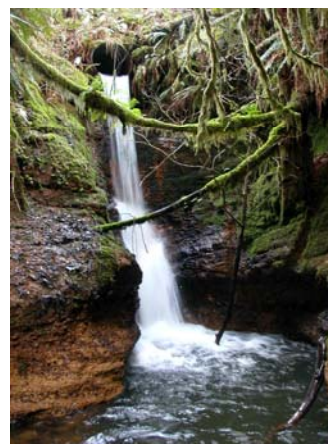
POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.91
Rise (m)	0.93
Length (m)	29.88
Slope (%)	3.60
Bed Material	No
Outfall Drop (m)	6.00
WDIC (m)	0.22
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0088

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 13
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13085
Longitude: -123.75413
WA state plane south (NAD 27, feet)
East: 1,190,548
North: 672,264

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of Pierce Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0089

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	13
Township:	14N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.13250
Longitude:	-123.75374
WA state plane south (NAD 27, feet)	
East:	1,190,670
North:	672,862

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.65 miles north of Pierce Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.00
OHW (m)	0.75
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	0.95
Span/Toe Ratio	0.32

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.30
Rise (m)	0.30
Length (m)	9.40
Slope (%)	0.64
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.30
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Larger diameter PCC (0.35x0.35 meters) extension on downstream end of pipe. Level B not applicable due to extension/grade break in pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0090

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 13
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13628
Longitude: -123.75275
WA state plane south (NAD 27, feet)
East: 1,190,975
North: 674,232

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.90 miles north of Pierce Rd/Wishkah Rd junction.

Site Comments:

Natural point barrier 20 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 4.60
OHW (m): 3.65
Max Depth (m): 0.35

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.94
Rise (m): 0.93
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.15
WDIC (m): 0.10
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0091

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 12
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13967
Longitude: -123.75161
WA state plane south (NAD 27, feet)
East: 1,191,308
North: 675,454

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.15 miles north of Pierce Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.31
Rise (m): 0.29
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0092

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	12
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.14024
Longitude:	-123.75211
WA state plane south (NAD 27, feet)	
East:	1,191,192
North:	675,666

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.2 miles north of Pierce Rd/Wishkah Rd junction, on private property 30 meters west of Wishkah Rd.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Dean and Susan Johnson
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.46
Rise (m)	0.46
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	
WDIC (m)	
Apron	
Fill Depth (m)	1.50
Tidegate	

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0093

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 12
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.14067
Longitude: -123.75137
WA state plane south (NAD 27, feet)
East: 1,191,383
North: 675,817

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.25 miles north of Pierce Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

Site Comments:

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/23/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.15
WDIC (m): 0.02
Apron: No
Fill Depth (m): 0.70
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0094

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	12
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.14049
Longitude:	-123.75203
WA state plane south (NAD 27, feet)	
East:	1,191,216
North:	675,759

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.25 miles north of Pierce Rd/Wishkah Rd junction, on private property 20 meters west of Wishkah Rd.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Richard Lewis
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/23/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	SST
Span (m)	0.46
Rise (m)	0.43
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.10
Apron	No
Fill Depth (m)	0.15
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0095

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private property
County:	Grays Harbor
1/4 Section:	SE
Section:	33
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.99963
Longitude:	-123.80399
WA state plane south (NAD 27, feet)	
East:	1,176,146
North:	624,966

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

SPECIES POTENTIAL

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

OWNER

Name:	Frank Baretich
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/25/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	0.50
OHW (m)	0.80
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	1.65
Span/Toe Ratio	0.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.33
Rise (m)	1.15
Length (m)	3.13
Slope (%)	2.90
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.27
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Culvert has failed and is rusted out. Still passing some water, although stream also flows around pipe. Small bridge has been placed over site. Culvert is tidally influenced and all measurements were taken at low tide.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0096

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private property
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99875
Longitude: -123.80270
WA state plane south (NAD 27, feet)
East: 1,176,454
North: 624,630

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

Site Comments:

Channel excavated to drain wetland.

SPECIES POTENTIAL

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

OWNER

Name: Frank Baretich
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/25/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.00
Span/Toe Ratio: 0.35

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.35
Rise (m): 0.35
Length (m): 11.87
Slope (%): 2.40
Bed Material: No
Outfall Drop (m): 1.10
WDIC (m): 0.11
Apron: No
Fill Depth (m): 1.10
Tidegate: No

Culvert Comments:

Rubber sleeve on downstream end, acts as tide gate. No plunge pool or toe as outfall is into main stem Wishkah. Plastic pipe has been inserted in failing, larger diameter corrugated steel pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0097

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private property
County:	Grays Harbor
1/4 Section:	SE
Section:	33
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.99698
Longitude:	-123.80273
WA state plane south (NAD 27, feet)	
East:	1,176,419
North:	623,987

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Frank Baretich
Type:	Private

Site Comments:

Excavated channel drains wetland.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/25/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	2.30
Span/Toe Ratio	0.18

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.42
Rise (m)	0.42
Length (m)	13.88
Slope (%)	2.70
Bed Material	No
Outfall Drop (m)	0.75
WDIC (m)	0.10
Apron	No
Fill Depth (m)	1.40
Tidegate	Yes

Culvert Comments:

No plunge pool measurements as outfall is into main stem Wishkah.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0098

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private property
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99704
Longitude: -123.80285
WA state plane south (NAD 27, feet)
East: 1,176,390
North: 624,010

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Frank Baretich
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/25/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0099

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private property
County:	Grays Harbor
1/4 Section:	SE
Section:	33
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.99708
Longitude:	-123.80285
WA state plane south (NAD 27, feet)	
East:	1,176,391
North:	624,025

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

Site Comments:

Small ditch drainage pipe that flows into 127W0097, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Frank Baretich
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	2/25/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.27
Rise (m)	0.27
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.75
WDIC (m)	0.02
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0100

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private property
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99757
Longitude: -123.80456
WA state plane south (NAD 27, feet)
East: 1,175,972
North: 624,219

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

SPECIES POTENTIAL

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

OWNER

Name: Frank Baretich
Type: Private

Site Comments:

Network of ditches/highly modified channels downstream of pipe that connect to main stem Wishkah. Upstream is a natural forested wetland.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/25/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.32
Rise (m): 0.32
Length (m): 4.22
Slope (%): 0.20
Bed Material: No
Outfall Drop (m): 0.12
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

No plunge pool or toe measurements available. Stream flows directly into heavily modified drainage ditch downstream. Level B not possible due to tidal influence and downstream confluence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0101

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private property
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99950
Longitude: -123.80424
WA state plane south (NAD 27, feet)
East: 1,176,081
North: 624,918

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name: Frank Baretich
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/25/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.40
Span/Toe Ratio: 0.95

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.38
Rise (m): 0.38
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.15
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0102

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private property
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99977
Longitude: -123.80470
WA state plane south (NAD 27, feet)
East: 1,175,971
North: 625,022

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is located at private residence for 2828 Wishkah Rd.

SPECIES POTENTIAL

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

OWNER

Name: Frank Baretich
Type: Private

Site Comments:

Heavily modified channel. OHW > 0.6 meters, so meets minimum requirements for fish bearing.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 2/25/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.40

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.36
Rise (m): 0.33
Length (m): 4.80
Slope (%): 2.30
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:

No plunge pool as stream flows into riffles directly downstream. Required Level B analysis not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0103

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	12
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.14543
Longitude:	-123.75018
WA state plane south (NAD 27, feet)	
East:	1,191,750
North:	677,539

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.55 miles north of W Wishkah Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/1/2004
Field Crew:	Glore/McCaffree
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.70
OHW (m)	2.85
Max Depth (m)	0.15

CHANNEL DESCRIPTION

Toe Width (m)	2.20
Span/Toe Ratio	1.02

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	SQSH
Material	SST
Span (m)	2.24
Rise (m)	1.56
Length (m)	24.27
Slope (%)	0.30
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.32
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Recently replaced pipe passes Level A evaluation.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0104

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 12
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.14507
Longitude: -123.75066
WA state plane south (NAD 27, feet)
East: 1,191,625
North: 677,411

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is located beneath private drive for residence @ 5017 Wishkah Rd.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 2.20
Span/Toe Ratio: 0.85

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.87
Rise (m): 1.84
Length (m): 15.86
Slope (%): 0.20
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.18
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:

Riffle at downstream end of culvert, no plunge pool. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0105

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	12
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.15066
Longitude:	-123.74853
WA state plane south (NAD 27, feet)	
East:	1,192,240
North:	679,426

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.95 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

WDFW wildlife area on right bank.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/1/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	10.50
OHW (m)	3.35
Max Depth (m)	0.55

CHANNEL DESCRIPTION

Toe Width (m)	2.55
Span/Toe Ratio	0.36

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.91
Rise (m)	0.93
Length (m)	21.85
Slope (%)	2.10
Bed Material	No
Outfall Drop (m)	0.10
WDIC (m)	0.03
Apron	No
Fill Depth (m)	2.50
Tidegate	No

Culvert Comments:

Pipe is failing due to a hole about 3 meters from the downstream end of the pipe allowing 95% of flow to exit from the pipe. Flow is subsurface and re-enters channel on the LB side of the pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0106

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15635
Longitude: -123.74802
WA state plane south (NAD 27, feet)
East: 1,192,451
North: 681,497

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.35 miles north of W Wishkah Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LB
Repair Status: UD
Problem: velocity

PLUNGE POOL DESCRIPTION

Length (m): 1.75
OHW (m): 1.20
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 0.72

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.47
Rise (m): 0.47
Length (m): 12.26
Slope (%): 0.60
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.05
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0107

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15840
Longitude: -123.74873
WA state plane south (NAD 27, feet)
East: 1,192,305
North: 682,251

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 2.5 miles north of W Wishkah Rd/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.30
OHW (m): 1.30
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 1.25
Span/Toe Ratio: 0.98

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.22
Rise (m): 1.22
Length (m): 28.23
Slope (%): 1.10
Bed Material: No
Outfall Drop (m): 0.55
WDIC (m): 0.04
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:

Outfall drops onto pile of large rip-rap. Landowner has attempted to armor bank around pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0108

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16005
Longitude: -123.74916
WA state plane south (NAD 27, feet)
East: 1,192,223
North: 682,857

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.6 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.15
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0109

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16224
Longitude: -123.74908
WA state plane south (NAD 27, feet)
East: 1,192,275
North: 683,652

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.75 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

20 meter vertical natural point barrier located at confluence with Wishkah, 60 meters downstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.25
OHW (m): 1.50
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 0.75
Span/Toe Ratio: 0.61

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.46
Rise (m): 0.46
Length (m): 11.66
Slope (%): 0.00
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.04
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0110

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16596
Longitude: -123.74540
WA state plane south (NAD 27, feet)
East: 1,193,247
North: 684,971

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.05 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

20 meter vertical natural point barrier, 100 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 5.50
OHW (m): 3.30
Max Depth (m): 0.65

CHANNEL DESCRIPTION

Toe Width (m): 1.25
Span/Toe Ratio: 0.62

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.77
Rise (m): 0.77
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.45
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0111

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	36
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.16879
Longitude:	-123.73666
WA state plane south (NAD 27, feet)	
East:	1,195,461
North:	685,914

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 3.55 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Natural point barrier immediately downstream of pipe.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/1/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CAL
Span (m)	0.48
Rise (m)	0.48
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	0.85
WDIC (m)	0.03
Apron	
Fill Depth (m)	7.00
Tidegate	

Culvert Comments:

Pipe has high slope, visually estimated at 15-20%.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0112

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16925
Longitude: -123.73594
WA state plane south (NAD 27, feet)
East: 1,195,648
North: 686,073

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.6 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.85
WDIC (m): 0.00
Apron:
Fill Depth (m): 1.50
Tidegate:

Culvert Comments:

Pipe is failing, water flowing out from beneath.
Upstream end of pipe is precast concrete.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0113

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17009
Longitude: -123.73517
WA state plane south (NAD 27, feet)
East: 1,195,850
North: 686,372

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.65 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: SST
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.80
WDIC (m): 0.03
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:

Water exits from hole 1 meter from downstream end of pipe, does not flow the full length of the pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0114

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17019
Longitude: -123.73475
WA state plane south (NAD 27, feet)
East: 1,195,958
North: 686,403

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.65 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.50
WDIC (m): 0.02
Apron: No
Fill Depth (m): 6.00
Tidegate: No

Culvert Comments:

Pipe has failed. Downstream section has broken off and has settled in plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0115

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 31
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17287
Longitude: -123.73190
WA state plane south (NAD 27, feet)
East: 1,196,706
North: 687,351

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.9 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Confluence with larger stream 15 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.35
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Flow is primarily ditch delivery.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0116

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 31
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17315
Longitude: -123.73081
WA state plane south (NAD 27, feet)
East: 1,196,981
North: 687,442

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah RV22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 3.9 miles north of W Wishkah Rd/Wishkah Rd junction.

Site Comments:

Wetland habitat upstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/1/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 7.50
OHW (m): 3.30
Max Depth (m): 2.00

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.68

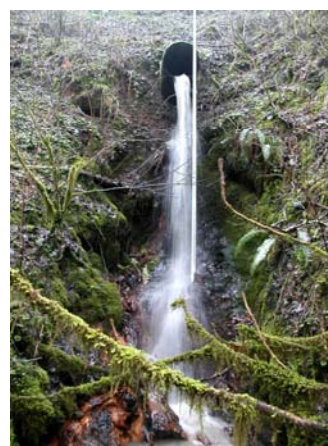
POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.62
Length (m): 24.44
Slope (%): 4.00
Bed Material: No
Outfall Drop (m): 5.00
WDIC (m): 0.07
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0117

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	23
Township:	19N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.12115
Longitude:	-123.76132
WA state plane south (NAD 27, feet)	
East:	1,188,615
North:	668,805

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is located beneath private drive @ 4719 Wishkah Rd, approximately 20 meters west of Wishkah Rd.
Drive is located on W side of road approx. 0.75

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Mark and Tammy Talevich
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/1/2004
Field Crew:	Glore/McCaffree
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.15
OHW (m)	0.20
Max Depth (m)	0.90

CHANNEL DESCRIPTION

Toe Width (m)	0.85
Span/Toe Ratio	0.78

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.66
Rise (m)	0.61
Length (m)	6.00
Slope (%)	0.10
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.30
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Riffles at downstream end, no plunge pool or outfall. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0118

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 31
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17443
Longitude: -123.72686
WA state plane south (NAD 27, feet)
East: 1,197,981
North: 687,867

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Big Cr 22.0225
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 4.2 miles north of Pierce Rd/Wishkah Rd junction.

Site Comments:

Gradient barrier upstream and downstream.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 3.80
OHW (m): 2.10
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 1.75
Span/Toe Ratio: 0.35

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.61
Rise (m): 0.61
Length (m): 42.72
Slope (%): 5.20
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.15
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:

Rip-rap and large boulders placed at downstream mouth of pipe block severely limits fish passage.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0119

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	31
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.17820
Longitude:	-123.72129
WA state plane south (NAD 27, feet)	
East:	1,199,421
North:	689,187

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Big Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0225
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.55 miles south of Long Live the Kings Wishkah hatchery entrance.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.35
OHW (m)	4.10
Max Depth (m)	1.30

CHANNEL DESCRIPTION

Toe Width (m)	5.75
Span/Toe Ratio	0.44

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	2.55
Rise (m)	2.60
Length (m)	20.42
Slope (%)	3.30
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.75
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

Downstream control is provided by boulders that create cascades for 20 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0120

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18318
Longitude: -123.72055
WA state plane south (NAD 27, feet)
East: 1,199,679
North: 690,995

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles south of Long Live the Kings Wishkah hatchery entrance.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.38
Rise (m): 0.27
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.00
WDIC (m): 0.04
Apron:
Fill Depth (m): 1.00
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0121

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	30
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.18526
Longitude:	-123.71943
WA state plane south (NAD 27, feet)	
East:	1,199,988
North:	691,739

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 20 meters north of Long Live the Kings Wishkah hatchery entrance.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	0.74

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.67
Rise (m)	0.67
Length (m)	24.62
Slope (%)	12.20
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.03
Apron	No
Fill Depth (m)	5.00
Tidegate	No

Culvert Comments:

Downstream end of culvert almost completely filled with substrate material/dirt. No plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0122

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: LLTK hatchery Dr
County: Grays Harbor
1/4 Section: SE
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18554
Longitude: -123.72023
WA state plane south (NAD 27, feet)
East: 1,199,795
North: 691,850

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 50 meters west of Long Live the Kings Wishkah hatchery entrance, beneath road to hatchery.

Site Comments:

Channel incised below culvert.

SPECIES POTENTIAL

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

OWNER

Name: Washington Fisheries
Type: State

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.40
OHW (m): 0.90
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.52

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.48
Length (m): 14.81
Slope (%): 9.80
Bed Material: No
Outfall Drop (m): 0.95
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0123

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	30
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.18739
Longitude:	-123.71679
WA state plane south (NAD 27, feet)	
East:	1,200,676
North:	692,490

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of Long Live the Kings Wishkah hatchery entrance.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.60
Span/Toe Ratio	0.52

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.31
Rise (m)	0.31
Length (m)	15.12
Slope (%)	6.30
Bed Material	No
Outfall Drop (m)	0.15
WDIC (m)	0.04
Apron	No
Fill Depth (m)	2.50
Tidegate	No

Culvert Comments:

Outfall is onto bedrock slide, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0124

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 29
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18799
Longitude: -123.71658
WA state plane south (NAD 27, feet)
East: 1,200,738
North: 692,707

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name: Port Blakely Tree Farms
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.00
WDIC (m): 0.09
Apron: No
Fill Depth (m): 6.00
Tidegate: No

Culvert Comments:

Downstream end of pipe 75% filled with substrate.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0125

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 29
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18848
Longitude: -123.71651
WA state plane south (NAD 27, feet)
East: 1,200,761
North: 692,884

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.30 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

Gradient barrier downstream, OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Port Blakely Tree Farms
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 0.95
OHW (m): 0.75
Max Depth (m): 0.10

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.52

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0126

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	29
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.18897
Longitude:	-123.71624
WA state plane south (NAD 27, feet)	
East:	1,200,836
North:	693,061

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.35 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

Confluence of two small incised streams immediately upstream of pipe.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Port Blakely Tree Farms
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.85
OHW (m)	0.90
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	1.05
Span/Toe Ratio	0.46

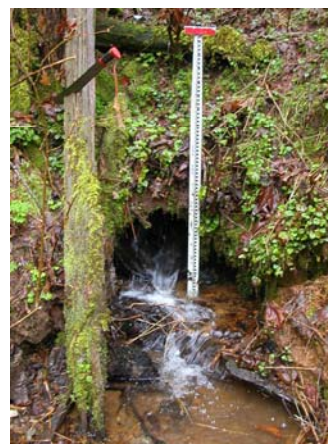
POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.48
Rise (m)	0.48
Length (m)	35.30
Slope (%)	20.20
Bed Material	No
Outfall Drop (m)	0.05
WDIC (m)	0.02
Apron	No
Fill Depth (m)	9.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0127

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 29
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19030
Longitude: -123.71601
WA state plane south (NAD 27, feet)
East: 1,200,914
North: 693,543

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.45 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Port Blakely Tree Farms
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.30
Tidegate: No

Culvert Comments:

Pipe completely submerged on downstream end. Photo taken upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0128

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	29
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19089
Longitude:	-123.71606
WA state plane south (NAD 27, feet)	
East:	1,200,909
North:	693,759

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Port Blakely Tree Farms
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	67
Method	LB
Repair Status	UD
Problem	velocity

PLUNGE POOL DESCRIPTION

Length (m)	3.85
OHW (m)	1.65
Max Depth (m)	0.25

CHANNEL DESCRIPTION

Toe Width (m)	0.95
Span/Toe Ratio	0.33

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.31
Rise (m)	0.31
Length (m)	9.99
Slope (%)	0.70
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.17
Apron	No
Fill Depth (m)	1.10
Tidegate	No

Culvert Comments:

Plunge pool appears to be excavated.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0129

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 29
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19539
Longitude: -123.71391
WA state plane south (NAD 27, feet)
East: 1,201,510
North: 695,377

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.90 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

10 meter vertical natural point barrier located at confluence with Wishkah, 30 meters downstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name: Washington
Type: State

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 3.55
OHW (m): 2.30
Max Depth (m): 0.40

CHANNEL DESCRIPTION

Toe Width (m): 0.75
Span/Toe Ratio: 0.41

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m): 9.86
Slope (%): 0.50
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.14
Apron: No
Fill Depth (m): 0.80
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0130

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19705
Longitude: -123.71268
WA state plane south (NAD 27, feet)
East: 1,201,840
North: 695,967

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.95 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

Natural point barrier 60 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.60
OHW (m): 0.95
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.30
WDIC (m): 0.04
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0131

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19850
Longitude: -123.71185
WA state plane south (NAD 27, feet)
East: 1,202,068
North: 696,490

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.1 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.45
OHW (m): 0.80
Max Depth (m): 0.15

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.52

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m): 9.12
Slope (%): 1.30
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.17
Apron: No
Fill Depth (m): 0.80
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0132

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	20
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20279
Longitude:	-123.70731
WA state plane south (NAD 27, feet)	
East:	1,203,259
North:	698,007

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.45 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

Downstream series of 1-2 meter cascades, may be gradient barrier.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	1.15
OHW (m)	0.95
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	0.80
Span/Toe Ratio	0.59

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.47
Rise (m)	0.47
Length (m)	15.35
Slope (%)	2.70
Bed Material	No
Outfall Drop (m)	0.55
WDIC (m)	0.10
Apron	No
Fill Depth (m)	
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0133

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7566
County:	Grays Harbor
1/4 Section:	NW
Section:	20
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20430
Longitude:	-123.70673
WA state plane south (NAD 27, feet)	
East:	1,203,427
North:	698,552

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 100 meters west of 7566/Wishkah Rd junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Jon
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	2.95
OHW (m)	2.80
Max Depth (m)	0.45

CHANNEL DESCRIPTION

Toe Width (m)	0.85
Span/Toe Ratio	0.53

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.45
Rise (m)	0.45
Length (m)	11.90
Slope (%)	1.00
Bed Material	No
Outfall Drop (m)	0.30
WDIC (m)	0.09
Apron	No
Fill Depth (m)	0.30
Tidegate	No

Culvert Comments:

Recently replaced pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0134

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20345
Longitude: -123.70801
WA state plane south (NAD 27, feet)
East: 1,203,095
North: 698,252

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.55 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

Ordinary high water width = 0.3 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.08
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0135

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20607
Longitude: -123.70630
WA state plane south (NAD 27, feet)
East: 1,203,559
North: 699,191

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.7 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 0.2 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/3/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 0.90
OHW (m): 0.85
Max Depth (m): 0.15

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0136

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	20
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20799
Longitude:	-123.70668
WA state plane south (NAD 27, feet)	
East:	1,203,493
North:	699,895

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.8 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 1.1 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	4.05
OHW (m)	1.80
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	1.10
Span/Toe Ratio	0.58

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	9.66
Slope (%)	1.60
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.26
Apron	No
Fill Depth (m)	0.30
Tidegate	No

Culvert Comments:

Culvert inadvertently sampled twice, same as 127W0136.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0137

Fish Use: Unk

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	16
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.04062
Longitude:	-123.79863
WA state plane south (NAD 27, feet)	
East:	1,178,106
North:	639,846

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Unk
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.80 miles north of northern Luetz Rd/Wishkah Rd junction.

Site Comments:

OHW near 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/3/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.30
Rise (m)	0.30
Length (m)	11.68
Slope (%)	5.60
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.03
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Riffle downstream of pipe, no plunge pool. No toe measurement due to ditching upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0138

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.04436
Longitude: -123.79271
WA state plane south (NAD 27, feet)
East: 1,179,637
North: 641,145

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0199
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is located beneath drive for residence @ 3646 Wishkah Rd.

Site Comments:

Wetland in field drains into small stream. Ecology blocks at outlet of wetland acting as dam. Many juvenile fish observed, but no positive ID.

SPECIES POTENTIAL

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

OWNER

Name: Doug Tikka
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier: Unk
Passability (%):
Method: LA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.60
Length (m): 13.52
Slope (%): 1.55
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.52
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Confluence directly downstream of pipe prevents toe and plunge pool measurements. Barrier status is unknown due to substrate throughout, but toe width not available for calculation of culvert span/toe width ratio.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0139

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	20
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20810
Longitude:	-123.70682
WA state plane south (NAD 27, feet)	
East:	1,203,460
North:	699,937

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.8 miles north of Wishkah Rd/Long Live the Kings hatchery entrance junction.

Site Comments:

OHW = 1.1 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/4/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	4.05
OHW (m)	1.80
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	1.10
Span/Toe Ratio	0.55

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	9.66
Slope (%)	1.60
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.26
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Culvert inadvertently sampled twice, same as 127W0136.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0140

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7570
County: Grays Harbor
1/4 Section: SE
Section: 17
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21537
Longitude: -123.70592
WA state plane south (NAD 27, feet)
East: 1,203,790
North: 702,575

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Cedar Cr 22.0229
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 100 meters northeast of the 7570/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.45
OHW (m): 0.80
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 1.45
Span/Toe Ratio: 0.41

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.60
Length (m): 10.28
Slope (%): 2.90
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Upstream end of culvert has standpipe to regulate head wetland. Rod was extended 0.8 meters through standpipe to reach bottom of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0141

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 17
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21836
Longitude: -123.71040
WA state plane south (NAD 27, feet)
East: 1,202,723
North: 703,713

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.65 miles north of Long Live the Kings Wishkah hatchery entrance/Wishkah Rd junction..

Site Comments:

OHW < 0.6 meters. Flow is from small stream/seep that enters ditch 15 meters upstream of pipe. Confluence with main stem Wishkah 20 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.58
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

2 meter long CST sleeve added to downstream end of pipe. Original pipe was PCC, .60 x .60 meters.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0142

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SE
Section: 7
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22460
Longitude: -123.71613
WA state plane south (NAD 27, feet)
East: 1,201,393
North: 706,043

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R .0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 3.25 miles north of Long Live the Kings Wishkah hatchery entrance/Wishkah Rd junction..

Site Comments:

OHW = 0.6 meters. Natural point barrier 20 meters downstream, stream cascades off 5-6 meter ledge at confluence with main stem Wishkah River.

SPECIES POTENTIAL

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

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.60
OHW (m): 1.20
Max Depth (m): 0.26

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.50

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m): 9.57
Slope (%): 5.85
Bed Material: No
Outfall Drop (m): 0.12
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0143

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 8
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23079
Longitude: -123.71317
WA state plane south (NAD 27, feet)
East: 1,202,220
North: 708,271

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles north of 7580/Wishkah Rd junction.

Site Comments:

7 meter natural point barrier at confluence with main stem Wishkah.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 0.56

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.45
Rise (m): 0.45
Length (m): 12.87
Slope (%): 11.50
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:

Last section of pipe is dislodged, water is exiting pipe 2 meters from downstream end and flowing out beneath. No plunge pool as stream flows directly into riffles.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0144

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23939
Longitude: -123.71306
WA state plane south (NAD 27, feet)
East: 1,202,374
North: 711,404

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.75 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.2 meters

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.20
Span/Toe Ratio: 1.50

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.00
WDIC (m): 0.06
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

No plunge pool as stream riffles directly downstream of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0145

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23997
Longitude: -123.71322
WA state plane south (NAD 27, feet)
East: 1,202,344
North: 711,616

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.80 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.06
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0146

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24374
Longitude: -123.71440
WA state plane south (NAD 27, feet)
East: 1,202,107
North: 713,003

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.05 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: SST
Span (m): 0.30
Rise (m): 0.25
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.06
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0147

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24578
Longitude: -123.71284
WA state plane south (NAD 27, feet)
East: 1,202,525
North: 713,730

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.2 miles north of 7580/Wishkah Rd junction.

Site Comments:

Natural point barrier 20 meters downstream. Pipe extends 20 meters downstream of road crossing on wooden trestle. Confluence with main stem Wishkah is 40 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/3/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.20
Span/Toe Ratio: 0.38

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 6.00
WDIC (m): 0.06
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Old, non-functioning RND, SST (0.66 x 0.66 meters) beneath CST pipe on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0148

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24674
Longitude: -123.71307
WA state plane south (NAD 27, feet)
East: 1,202,482
North: 714,082

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.3 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.2 meters.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.02
Apron: No
Fill Depth (m): 0.75
Tidegate: No

Culvert Comments:

Last section of pipe dislodged and water is exiting pipe 1 meter from downstream end and flowing out beneath pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0149

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	5
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.24868
Longitude:	-123.71286
WA state plane south (NAD 27, feet)	
East:	1,202,562
North:	714,788

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.4 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.85 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/4/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	0
Method	LA
Repair Status	UD
Problem	outfall drop; slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.85
Span/Toe Ratio	0.71

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.60
Rise (m)	0.61
Length (m)	15.96
Slope (%)	2.50
Bed Material	No
Outfall Drop (m)	0.55
WDIC (m)	0.05
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Large pile of riprap at downstream end, no plunge pool. Confluence with main stem Wishkah visible 50 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0150

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	0
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25271
Longitude:	-123.71261
WA state plane south (NAD 27, feet)	
East:	1,202,684
North:	716,253

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.7 miles north of 7580/Wishkah Rd junction.

Site Comments:

OHW = 0.7 meters. Road beginning to fail downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/4/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	2.30
OHW (m)	1.70
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	0.89

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.62
Rise (m)	0.62
Length (m)	12.65
Slope (%)	10.60
Bed Material	No
Outfall Drop (m)	0.50
WDIC (m)	0.05
Apron	No
Fill Depth (m)	3.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0151

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25471
Longitude: -123.71367
WA state plane south (NAD 27, feet)
East: 1,202,451
North: 716,993

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.85 miles north of 7580/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.00
Span/Toe Ratio: 0.60

POTENTIAL HABITAT GAIN

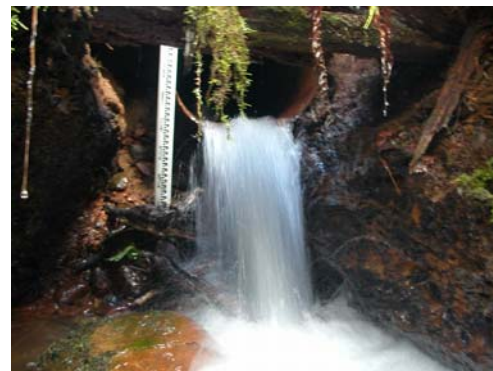
Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.62
Length (m): 18.81
Slope (%): 2.30
Bed Material: No
Outfall Drop (m): 1.30
WDIC (m): 0.06
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto bedrock/hardpan substrate.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0152

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 5
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25460
Longitude: -123.71396
WA state plane south (NAD 27, feet)
East: 1,202,377
North: 716,955

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.85 miles north of 7580/Wishkah Rd junction.

Site Comments:

Landowner reports returning adult coho.

SPECIES POTENTIAL

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

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/4/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 1.07

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.75
Rise (m): 0.75
Length (m): 9.51
Slope (%): 11.90
Bed Material: No
Outfall Drop (m): 0.25
WDIC (m): 0.05
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:

No plunge pool as stream falls onto hardpan and riffles. Grade break in pipe, slope increases visibly halfway through pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0153

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 33
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25810
Longitude: -123.71322
WA state plane south (NAD 27, feet)
East: 1,202,612
North: 718,222

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles south of Wishkah reservoir.

SPECIES POTENTIAL

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

OWNER

Name: Thadius Pierce Jr
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/9/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.85
OHW (m): 2.10
Max Depth (m): 0.45

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 0.78

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.62
Length (m): 12.17
Slope (%): 3.00
Bed Material: No
Outfall Drop (m): 0.25
WDIC (m): 0.06
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0154

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 33
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25997
Longitude: -123.71321
WA state plane south (NAD 27, feet)
East: 1,202,644
North: 718,903

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 200 meters south of Wishkah reservoir, near end of Wishkah Rd.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/9/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio: 1.00

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.75
WDIC (m): 0.04
Apron: No
Fill Depth (m): 1.10
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0155

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7580
County: Grays Harbor
1/4 Section: NE
Section: 8
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23536
Longitude: -123.70192
WA state plane south (NAD 27, feet)
East: 1,205,079
North: 709,821

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.55 miles northeast of the 7580/Wiskah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

Gradient barrier upstream and downstream.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/9/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 1.24

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.62
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.15
WDIC (m): 1.08
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0156

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7580
County:	Grays Harbor
1/4 Section:	NE
Section:	8
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.23565
Longitude:	-123.70056
WA state plane south (NAD 27, feet)	
East:	1,205,421
North:	709,915

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0230
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.25 miles northeast of the 7580/Wiskah Rd junction.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

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

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/9/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	2.70
OHW (m)	1.25
Max Depth (m)	0.70

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	0.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.61
Rise (m)	0.61
Length (m)	7.32
Slope (%)	1.60
Bed Material	No
Outfall Drop (m)	0.50
WDIC (m)	0.08
Apron	No
Fill Depth (m)	0.60
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0157

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7582-B
County: Grays Harbor
1/4 Section: SE
Section: 8
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22903
Longitude: -123.69480
WA state plane south (NAD 27, feet)
East: 1,206,754
North: 707,444

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.10 miles northeast of the 7582/7582B junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/9/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.60
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.55
WDIC (m): 0.04
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0158

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7582
County: Grays Harbor
1/4 Section: NE
Section: 8
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23494
Longitude: -123.69510
WA state plane south (NAD 27, feet)
East: 1,206,766
North: 709,598

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.2 miles northeast of the 7582/7582B junction.

Site Comments:

OHW = 0.25 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/9/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.70
WDIC (m): 0.03
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0159

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7582
County:	Grays Harbor
1/4 Section:	NE
Section:	8
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.23530
Longitude:	-123.69516
WA state plane south (NAD 27, feet)	
East:	1,206,757
North:	709,731

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0230
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.25 miles northeast of the 7589/7582 junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/9/2004
Field Crew:	Glore/McCaffree
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	2.45
OHW (m)	0.90
Max Depth (m)	0.55

CHANNEL DESCRIPTION

Toe Width (m)	0.60
Span/Toe Ratio	1.00

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.60
Rise (m)	0.60
Length (m)	11.28
Slope (%)	4.10
Bed Material	No
Outfall Drop (m)	1.30
WDIC (m)	0.03
Apron	No
Fill Depth (m)	0.70
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0160

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.20 miles northeast of the Pierce mainline/Pierce-70 junction.

Site Comments:

OHW = 0.2 meters.

SPECIES POTENTIAL

- | | |
|------------------------------------|--|
| <input type="checkbox"/> Sockeye | <input type="checkbox"/> Sea Run Cutthroat |
| <input type="checkbox"/> Pink | <input type="checkbox"/> Resident Trout |
| <input type="checkbox"/> Chum | <input type="checkbox"/> Dolly/Bull Trout |
| <input type="checkbox"/> Chinook | <input type="checkbox"/> Brook Trout |
| <input type="checkbox"/> Coho | <input type="checkbox"/> Brown Trout |
| <input type="checkbox"/> Steelhead | |

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0161

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 0.30 miles northeast of the Pierce mainline/Pierce-70 junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0162

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-816
County: Grays Harbor
1/4 Section: SE
Section: 13
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12601
Longitude: -123.73645
WA state plane south (NAD 27, feet)
East: 1,194,874
North: 670,322

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles northeast of the A-816/Pierce-2 junction.

Site Comments:

OHW = 0.1 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0163

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4201.1
County:	Grays Harbor
1/4 Section:	SE
Section:	6
Township:	19N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.15892
Longitude:	-123.71821
WA state plane south (NAD 27, feet)	
East:	1,199,900
North:	682,129

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0204
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.25 miles south of the 4201.1/4201 junction.

Site Comments:

No defined stream channel. Wetland/seep upstream with subsurface flows downstream.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/10/2004
Field Crew:	Glore/McCaffree
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.45
Rise (m)	0.45
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	0.22
WDIC (m)	0.02
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0164

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4202.5
County: Grays Harbor
1/4 Section: SE
Section: 5
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15548
Longitude: -123.70573
WA state plane south (NAD 27, feet)
East: 1,202,951
North: 680,748

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0205
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles south of the 4202/4202.5 junction.

Site Comments:

OHW =0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop

PLUNGE POOL DESCRIPTION

Length (m): 1.40
OHW (m): 1.65
Max Depth (m): 0.28

CHANNEL DESCRIPTION

Toe Width (m): 0.75
Span/Toe Ratio: 0.63

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.50
Length (m): 7.31
Slope (%): 0.50
Bed Material: No
Outfall Drop (m): 0.58
WDIC (m): 0.07
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Pipe deformed and heavily rusted.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0165

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4204
County: Grays Harbor
1/4 Section: SE
Section: 7
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.14055
Longitude: -123.71832
WA state plane south (NAD 27, feet)
East: 1,199,598
North: 675,435

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0204
WRIA: 22.0205
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 2.5 miles east of the 4204/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 5.60
OHW (m): 2.40
Max Depth (m): 0.52

CHANNEL DESCRIPTION

Toe Width (m): 3.10
Span/Toe Ratio: 0.88

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 2.75
Rise (m): 2.10
Length (m): 14.69
Slope (%): 3.54
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.15
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0166

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4204
County: Grays Harbor
1/4 Section: NE
Section: 18
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13682
Longitude: -123.71995
WA state plane south (NAD 27, feet)
East: 1,199,139
North: 674,091

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0204
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.45 miles east of the 4204/Wishkah Rd junction.

Site Comments:

No defined stream channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0167

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4202.5
County: Grays Harbor
1/4 Section: SW
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15282
Longitude: -123.69302
WA state plane south (NAD 27, feet)
East: 1,206,072
North: 679,652

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles southeast of the 4202.5/4202.7 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.36
Rise (m): 0.36
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m): 0.01
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0168

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201
County: Grays Harbor
1/4 Section: NE
Section: 33
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17484
Longitude: -123.68405
WA state plane south (NAD 27, feet)
East: 1,208,626
North: 687,587

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles southeast of the 4201/4201.9 junction.

Site Comments:

OHW = 0.3 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0169

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.813
County: Grays Harbor
1/4 Section: SW
Section: 33
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17306
Longitude: -123.68450
WA state plane south (NAD 27, feet)
East: 1,208,488
North: 686,940

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.10 miles south of the 4201.811/4201.813 junction.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.20
OHW (m): 0.85
Max Depth (m): 0.18

CHANNEL DESCRIPTION

Toe Width (m): 0.85
Span/Toe Ratio: 0.71

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.65
Length (m): 12.37
Slope (%): 5.40
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0170

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.8137
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16201
Longitude: -123.68042
WA state plane south (NAD 27, feet)
East: 1,209,340
North: 682,874

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles east of the 4201.8137/4201.813 junction.

Site Comments:

Stream flow is intermittently subsurface, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/10/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.64
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.04
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0171

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.5
County: Grays Harbor
1/4 Section: SE
Section: 32
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17016
Longitude: -123.70992
WA state plane south (NAD 27, feet)
East: 1,202,127
North: 686,141

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Big Cr 22.0225
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 75 meters north of the 4201.05/4201 junction.

Site Comments:

Perennial vegetation throughout channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/16/2004
Field Crew: Glore/McCaffree
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 2.10
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0172

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4203.31
County:	Grays Harbor
1/4 Section:	NW
Section:	32
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.17849
Longitude:	-123.71051
WA state plane south (NAD 27, feet)	
East:	1,202,104
North:	689,183

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Big Cr 22.0225
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.20 miles north of the 4203.3/4203.31 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/16/2004
Field Crew:	Glore/Job
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.47
Rise (m)	0.47
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	
WDIC (m)	0.03
Apron	No
Fill Depth (m)	
Tidegate	No

Culvert Comments:

Downstream end of pipe completely buried, stream flows subsurface for 5 meters.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0173

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4203.31
County:	Grays Harbor
1/4 Section:	NW
Section:	32
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.17850
Longitude:	-123.71061
WA state plane south (NAD 27, feet)	
East:	1,202,080
North:	689,188

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Big Cr 22.0225
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.20 miles north of the 4203.31/4203.3 junction.

Site Comments:

Poorly defined channel, perennial vegetation growing throughout, OHW < 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/16/2004
Field Crew:	Glore/Job
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.47
Rise (m)	0.47
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.35
WDIC (m)	0.02
Apron	No
Fill Depth (m)	
Tidegate	No

Culvert Comments:

Downstream end of pipe partially buried and covered with debris. Flow is subsurface for approx. 30 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0174

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.811
County: Grays Harbor
1/4 Section: NE
Section: 33
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17742
Longitude: -123.68214
WA state plane south (NAD 27, feet)
East: 1,209,137
North: 688,506

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles east of the 4201.81/4201.811 junction.

Site Comments:

OHW < 0.6 meters. No defined stream channel with perennial vegetation throughout.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/16/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.44
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.90
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0175

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.8134
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16578
Longitude: -123.68164
WA state plane south (NAD 27, feet)
East: 1,209,091
North: 684,259

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles southeast of the 4201.8134/4201.81 junction.

Site Comments:

No defined stream channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/16/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.15
WDIC (m): 0.00
Apron: No
Fill Depth (m): 0.70
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0176

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.8137
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16222
Longitude: -123.68177
WA state plane south (NAD 27, feet)
East: 1,209,005
North: 682,962

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles southwest of the 4201.8137/4201.81 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/16/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.39
Rise (m): 0.38
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.65
WDIC (m): 0.00
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0177

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4201.8137
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16310
Longitude: -123.67930
WA state plane south (NAD 27, feet)
East: 1,209,634
North: 683,258

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles southwest of the 4201.8137/4201.81 junction.

Site Comments:

No defined stream channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/16/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.44
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.05
WDIC (m): 0.01
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0178

Fish Use: Unk

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: unknown spur
County: Grays Harbor
1/4 Section: SE
Section: 5
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15960
Longitude: -123.70028
WA state plane south (NAD 27, feet)
East: 1,204,367
North: 682,196

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0205
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 100 meters west of 4202 line on first unmarked spur south of 4202/4202.05 junction.

Site Comments:

Marshy area, poorly defined channel.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/17/2004
Field Crew: Glore/Job
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 3.65
OHW (m): 1.90
Max Depth (m): 0.75

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.48
Rise (m): 0.45
Length (m): 8.94
Slope (%): 0.90
Bed Material: No
Outfall Drop (m): 0.11
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

No toe measurement due to beaver dam upstream and poorly defined stream channel downstream. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0179

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4204
County: Grays Harbor
1/4 Section: NE
Section: 18
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.13478
Longitude: -123.71900
WA state plane south (NAD 27, feet)
East: 1,199,345
North: 673,340

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 2.6 miles east of the 4204/Wishkah Rd junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/17/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.30
OHW (m): 0.25
Max Depth (m): 1.20

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.12
WDIC (m): 0.00
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0180

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7500
County: Grays Harbor
1/4 Section: NE
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20827
Longitude: -123.70352
WA state plane south (NAD 27, feet)
East: 1,204,283
North: 699,964

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles northeast of the 7500/Wishkah Rd junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/17/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.25
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.20
WDIC (m): 0.03
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0181

Fish Use: Unk

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7500
County: Grays Harbor
1/4 Section: SE
Section: 17
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21135
Longitude: -123.69933
WA state plane south (NAD 27, feet)
East: 1,205,368
North: 701,044

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.45 miles northeast of the 7500/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

Marshy area, channel poorly defined.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/17/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.38
Rise (m): 0.38
Length (m): 11.96
Slope (%): 8.00
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.08
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No toe or plunge pool measurements due to wetland marsh area downstream and pond upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0182

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7562
County:	Grays Harbor
1/4 Section:	NE
Section:	20
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20973
Longitude:	-123.69491
WA state plane south (NAD 27, feet)	
East:	1,206,443
North:	700,411

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Big Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0225
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.30 miles east of the 7560/7562 junction.

Site Comments:

Survey stake at site "4300, #4459, 0.443"

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/17/2004
Field Crew:	Glore/Lutz
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	6.25
OHW (m)	3.85
Max Depth (m)	0.65

CHANNEL DESCRIPTION

Toe Width (m)	2.60
Span/Toe Ratio	0.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.78
Rise (m)	0.76
Length (m)	9.01
Slope (%)	1.40
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.14
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0183

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7525
County: Grays Harbor
1/4 Section: NW
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23746
Longitude: -123.68376
WA state plane south (NAD 27, feet)
East: 1,209,620
North: 710,403

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of the 7525/7500 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.64
Rise (m): 0.63
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.30
WDIC (m): 0.00
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0184

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7525
County: Grays Harbor
1/4 Section: NW
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23821
Longitude: -123.68511
WA state plane south (NAD 27, feet)
East: 1,209,294
North: 710,692

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Cedar Cr 22.0229
WRIA: 22.0230
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.60 miles north of the 7525/7500 junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 1.43

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.93
Rise (m): 0.93
Length (m): 11.72
Slope (%): 0.37
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.08
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool or outfall.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0185

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7525
County: Grays Harbor
1/4 Section: NW
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23832
Longitude: -123.68786
WA state plane south (NAD 27, feet)
East: 1,208,615
North: 710,757

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.80 miles northwest of the 7525/7500 junction.

Site Comments:

OHW < 0.6 meters, perennial growth throughout channel.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.62
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.05
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0186

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7525
County: Grays Harbor
1/4 Section: NW
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23775
Longitude: -123.69006
WA state plane south (NAD 27, feet)
East: 1,208,059
North: 710,575

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0230
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.95 miles northwest of 7525/7500 junction.

Site Comments:

Poorly defined channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.00
WDIC (m): 0.00
Apron:
Fill Depth (m): 1.50
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0187

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7500
County: Grays Harbor
1/4 Section: NE
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23471
Longitude: -123.67671
WA state plane south (NAD 27, feet)
East: 1,211,329
North: 709,331

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles west of the 7500/7510 junction.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 3.30
OHW (m): 1.70
Max Depth (m): 0.40

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 0.66

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.46
Rise (m): 0.46
Length (m): 11.80
Slope (%): 8.00
Bed Material: No
Outfall Drop (m): 0.45
WDIC (m): 0.02
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0188

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	G-line
County:	Grays Harbor
1/4 Section:	NE
Section:	9
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.23602
Longitude:	-123.67582
WA state plane south (NAD 27, feet)	
East:	1,211,569
North:	709,801

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	EF Wishkah
Tributary To:	Wishkah R 22.0191
WRIA:	22.0200
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.25 miles west of the 7500/7510 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/22/2004
Field Crew:	Glore/Job
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	6.65
OHW (m)	5.55
Max Depth (m)	0.40

CHANNEL DESCRIPTION

Toe Width (m)	2.20
Span/Toe Ratio	0.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	SQSH
Material	CST
Span (m)	1.84
Rise (m)	1.43
Length (m)	12.40
Slope (%)	1.60
Bed Material	No
Outfall Drop (m)	0.10
WDIC (m)	0.12
Apron	No
Fill Depth (m)	1.20
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0189

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7500
County: Grays Harbor
1/4 Section: NE
Section: 9
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23588
Longitude: -123.67338
WA state plane south (NAD 27, feet)
East: 1,212,173
North: 709,724

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 150 meters east of the 7500/7510 junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.10
Span/Toe Ratio: 1.09

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 1.20
Rise (m): 1.23
Length (m): 13.35
Slope (%): 0.50
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.07
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool or outfall. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0190

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Donovan A-line
County:	Grays Harbor
1/4 Section:	NW
Section:	10
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.23706
Longitude:	-123.67144
WA state plane south (NAD 27, feet)	
East:	1,212,670
North:	710,137

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	EF Wishkah 22.0200
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 40 meters west of the 7510/7510.07 junction

Site Comments:

OHW = 1.1 meters.

SPECIES POTENTIAL

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

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/22/2004
Field Crew:	Glore/Lutz
Barrier	No
Passability (%)	100
Method	LB
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	5.05
OHW (m)	1.90
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	1.33

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.20
Rise (m)	1.20
Length (m)	12.18
Slope (%)	0.16
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Level B evaluation completed, culvert 100% passable.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0191

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7510
County: Grays Harbor
1/4 Section: NW
Section: 10
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23490
Longitude: -123.67126
WA state plane south (NAD 27, feet)
East: 1,212,683
North: 709,347

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.10 miles south of the 7510/7509 junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.40
OHW (m): 1.45
Max Depth (m): 0.70

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 0.97

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 0.63
Rise (m): 0.59
Length (m): 18.56
Slope (%): 2.15
Bed Material: No
Outfall Drop (m): 0.95
WDIC (m): 0.00
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0192

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7510
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22066
Longitude: -123.67185
WA state plane south (NAD 27, feet)
East: 1,212,329
North: 704,164

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.25 miles west of the 7510/7510F junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier: No
Passability (%): 100
Method: LB
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.29
OHW (m): 2.25
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 1.35
Span/Toe Ratio: 1.51

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: SQSH
Material: CAL
Span (m): 2.04
Rise (m): 1.55
Length (m): 13.61
Slope (%): 0.07
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.06
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Pipe beveled upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0193

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7510
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22131
Longitude: -123.66458
WA state plane south (NAD 27, feet)
East: 1,214,143
North: 704,326

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.10 miles west of the 7510/7510I junction.

Site Comments:

OHW < 0.6 meters, poorly defined channel.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/22/2004
Field Crew: Glore/Job
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.20
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0194

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7518
County:	Grays Harbor
1/4 Section:	NW
Section:	27
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19229
Longitude:	-123.66489
WA state plane south (NAD 27, feet)	
East:	1,213,643
North:	693,753

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	EF Wishkah 22.0200
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.60 miles west of 7518/7510 junction.

Site Comments:

OHW = 1.4 meters. Abundant woody debris and fine sediments in channel.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/23/2004
Field Crew:	Glore/Lutz
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	3.65
OHW (m)	2.60
Max Depth (m)	0.70

CHANNEL DESCRIPTION

Toe Width (m)	0.95
Span/Toe Ratio	0.49

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.47
Rise (m)	0.46
Length (m)	12.05
Slope (%)	-3.24
Bed Material	No
Outfall Drop (m)	0.55
WDIC (m)	0.07
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0195

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7518-G
County: Grays Harbor
1/4 Section: SW
Section: 27
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18232
Longitude: -123.66648
WA state plane south (NAD 27, feet)
East: 1,213,100
North: 690,136

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.75 miles southwest of the 7518/7518G junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.45
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0196

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7518-N
County: Grays Harbor
1/4 Section: SE
Section: 33
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17245
Longitude: -123.67537
WA state plane south (NAD 27, feet)
East: 1,210,748
North: 686,626

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.25 miles south of the 7518N/7518 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.30
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0197

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Donovan A-line
County: Grays Harbor
1/4 Section: SE
Section: 34
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16727
Longitude: -123.66085
WA state plane south (NAD 27, feet)
East: 1,214,280
North: 684,596

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.75 meters south of the 7510/7510W junction.

Site Comments:

Poorly defined channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.39
Rise (m): 0.39
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.00
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0198

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7510
County: Grays Harbor
1/4 Section: NE
Section: 3
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16579
Longitude: -123.66227
WA state plane south (NAD 27, feet)
East: 1,213,906
North: 684,071

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.90 miles south of the 7510/7510W junction.

Site Comments:

Poorly defined channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 2.10
WDIC (m): 0.01
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0199

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-1400
County: Grays Harbor
1/4 Section: NE
Section: 9
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15134
Longitude: -123.67770
WA state plane south (NAD 27, feet)
East: 1,209,859
North: 678,957

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 40 meters west of A-1400/Upper Donovan A-line junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.85
WDIC (m): 0.02
Apron: No
Fill Depth (m): 4.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0200

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-1400
County: Grays Harbor
1/4 Section: SE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15639
Longitude: -123.67728
WA state plane south (NAD 27, feet)
East: 1,210,037
North: 680,794

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.75 miles northeast of the A-1400/Upper Donovan A-line junction.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 1.34

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.94
Rise (m): 0.92
Length (m): 18.07
Slope (%): 4.26
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:

Riffle at downstream end of culvert, no plunge pool or outfall. Culvert deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0201

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-1400
County: Grays Harbor
1/4 Section: SE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15756
Longitude: -123.67677
WA state plane south (NAD 27, feet)
East: 1,210,180
North: 681,217

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.85 miles northeast of the A-1400/Upper Donovan A-line junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.75
OHW (m): 1.20
Max Depth (m): 0.35

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 1.42

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.92
Rise (m): 0.92
Length (m): 17.18
Slope (%): 4.95
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.17
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0202

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-1400
County: Grays Harbor
1/4 Section: NE
Section: 4
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16107
Longitude: -123.67473
WA state plane south (NAD 27, feet)
East: 1,210,739
North: 682,475

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.25 miles northeast of the A-1400/Upper Donovan A-line junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 1.34

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 1.07
Rise (m): 1.10
Length (m): 17.98
Slope (%): 4.06
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0203

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Donovan A-line
County: Grays Harbor
1/4 Section: NE
Section: 9
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.14923
Longitude: -123.67771
WA state plane south (NAD 27, feet)
East: 1,209,824
North: 678,188

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: EF Wishkah 22.0200
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.10 miles south of the A-1400/Upper Donovan A-line junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.35
WDIC (m): 0.04
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0204

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Donovan A-line
County: Grays Harbor
1/4 Section: SW
Section: 16
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.12397
Longitude: -123.69586
WA state plane south (NAD 27, feet)
East: 1,204,939
North: 669,167

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0202
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles north of the A-600/Upper Donovan A-line junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.80
OHW (m): 1.35
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 0.46

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.37
Rise (m): 0.36
Length (m): 22.36
Slope (%): 7.56
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.04
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0205

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-450
County: Grays Harbor
1/4 Section: SE
Section: 30
Township: 19N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.09825
Longitude: -123.71789
WA state plane south (NAD 27, feet)
East: 1,199,078
North: 660,014

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0201
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles north of the A-400/A-450 junction.

Site Comments:

OHW = 1.0 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.50
OHW (m): 1.90
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m): 1.00
Span/Toe Ratio: 1.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.81
Rise (m): 1.93
Length (m): 22.58
Slope (%): 4.30
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Recently replaced culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0206

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-400
County: Grays Harbor
1/4 Section: SE
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.09672
Longitude: -123.71793
WA state plane south (NAD 27, feet)
East: 1,199,043
North: 659,459

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0201
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.1 miles southwest of the A-400/Upper Donovan A-line junction.

Site Comments:

OHW = 1.25 meters.

SPECIES POTENTIAL

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

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.25
Span/Toe Ratio: 1.70

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 2.12
Rise (m): 2.12
Length (m): 22.42
Slope (%): 2.94
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool.
Recently replaced culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0207

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: NE
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19339
Longitude: -123.71792
WA state plane south (NAD 27, feet)
East: 1,200,485
North: 694,687

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles west of the 3260 (Mayr A-Line)/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.20
OHW (m): 1.75
Max Depth (m): 0.55

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.49
Rise (m): 0.51
Length (m): 16.60
Slope (%): 0.24
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.51
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Wetlands upstream and downstream. Level B not applicable due to lack of downstream control. Boulder restricts access to downstream end of pipe, which was completely submerged at time of sample.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0208

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	30
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19490
Longitude:	-123.71950
WA state plane south (NAD 27, feet)	
East:	1,200,114
North:	695,254

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.25 miles west of 3260 (Mayr A-line)/Wishkah Rd junction.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.60
OHW (m)	2.60
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.85
Span/Toe Ratio	0.45

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.38
Rise (m)	0.37
Length (m)	18.57
Slope (%)	6.50
Bed Material	No
Outfall Drop (m)	0.02
WDIC (m)	0.02
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Wetland upstream, confluence with EF Wishkah 25 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0209

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19614
Longitude: -123.71987
WA state plane south (NAD 27, feet)
East: 1,200,042
North: 695,710

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.35 miles west of 3260 (Mayr A-line)/Wishkah Rd junction.

Site Comments:

Confluence with Wishkah 50 meters downstream.

SPECIES POTENTIAL

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

OWNER

Name: TJ Spradlin, inc
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: NG
Problem: outfall drop

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.38
Rise (m): 0.38
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.24
WDIC (m): 0.03
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Pipe has 90 degree elbow at downstream end.
Natural point barrier immediately upstream of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0210

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19722
Longitude: -123.71861
WA state plane south (NAD 27, feet)
East: 1,200,371
North: 696,092

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.40 miles west of 3260 (Mayr A-line)/Wishkah Rd junction.

SPECIES POTENTIAL

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

OWNER

Name: TJ Spradlin, Inc
Type: Private

Site Comments:

Small wetland upstream. OHW = 0.8 meters.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 3.15
OHW (m): 1.80
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.75
Span/Toe Ratio: 0.81

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.61
Length (m): 12.60
Slope (%): 5.70
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.06
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Upstream end of pipe deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0211

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-130
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19774
Longitude: -123.71726
WA state plane south (NAD 27, feet)
East: 1,200,712
North: 696,266

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.25 miles north of the A-130/Mayr A-line junction.

Site Comments:

OHW = 1.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: TJ Spradlin, Inc
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 3.55
OHW (m): 2.70
Max Depth (m): 0.65

CHANNEL DESCRIPTION

Toe Width (m): 1.20
Span/Toe Ratio: 0.49

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.62
Length (m): 9.61
Slope (%): 2.70
Bed Material: No
Outfall Drop (m): 0.39
WDIC (m): 0.08
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Pipe partially buried upstream by beaver dam.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0212

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-130
County: Grays Harbor
1/4 Section: SW
Section: 20
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20210
Longitude: -123.71600
WA state plane south (NAD 27, feet)
East: 1,201,090
North: 697,844

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles north of A-130/Mayr A-line junction.

Site Comments:

5 meter natural point barrier, 35 meters downstream of culvert.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.44
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.35
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Outfall onto rip-rap pile, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0213

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-130
County: Grays Harbor
1/4 Section: NE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20590
Longitude: -123.71821
WA state plane south (NAD 27, feet)
East: 1,200,599
North: 699,251

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is located at the A-130/A-120 junction.

SPECIES POTENTIAL

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

OWNER

Name: Wishkah Rock Products, Inc
Type: Private

Site Comments:

Rock quarry 35 meters off left bank. Stream flows roadside in small gully. OHW = 1.9 meters.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.75
OHW (m): 2.05
Max Depth (m): 0.29

CHANNEL DESCRIPTION

Toe Width (m): 1.60
Span/Toe Ratio: 0.73

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.17
Rise (m): 1.19
Length (m): 18.15
Slope (%): 2.10
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.11
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0214

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-130
County: Grays Harbor
1/4 Section: NW
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20981
Longitude: -123.72601
WA state plane south (NAD 27, feet)
East: 1,198,720
North: 700,753

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.35 miles northwest of the W-130/W-100 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.10
OHW (m): 0.10
Max Depth (m): 0.70

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.44
Length (m): 18.25
Slope (%): 12.10
Bed Material: No
Outfall Drop (m): 0.96
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Toe measurement unavailable due to subsurface flow and braiding.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0215

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-450
County: Grays Harbor
1/4 Section: NE
Section: 24
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20756
Longitude: -123.74762
WA state plane south (NAD 27, feet)
East: 1,193,319
North: 700,156

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 75 meters north of the W-450/W-451 junction.

Site Comments:

OHW = 1.25 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.20
Span/Toe Ratio: 0.74

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.89
Rise (m): 0.92
Length (m): 8.72
Slope (%): 1.60
Bed Material: No
Outfall Drop (m): 0.41
WDIC (m): 0.11
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Outfall onto riprap pile, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0216

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-450
County: Grays Harbor
1/4 Section: NW
Section: 24
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20574
Longitude: -123.74762
WA state plane south (NAD 27, feet)
East: 1,193,292
North: 699,490

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 75 meters south of the W-450/W-451 junction.

Site Comments:

OHW = 1.05 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 2.25

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.46
Rise (m): 1.56
Length (m): 11.86
Slope (%): 1.30
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.15
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Riffles at downstream end, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0217

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascon Pacific Rd
County: Grays Harbor
1/4 Section: SW
Section: 13
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21403
Longitude: -123.75058
WA state plane south (NAD 27, feet)
East: 1,192,681
North: 702,542

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0218
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Available maps not adequate to describe location.

Site Comments:

OHW = 3.0 meters.

SPECIES POTENTIAL

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

OWNER

Name: Green Crow Corporation
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/25/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 2.25
Span/Toe Ratio: 1.20

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: SQSH
Material: CST
Span (m): 2.51
Rise (m): 11.64
Length (m): 8.46
Slope (%): -0.10
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.12
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

No plunge pool as stream riffles directly downstream of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0218

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: NE
Section: 23
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20827
Longitude: -123.75712
WA state plane south (NAD 27, feet)
East: 1,190,972
North: 700,512

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Available maps not adequate to describe location.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.15
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0219

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bascon Pacific Rd
County:	Grays Harbor
1/4 Section:	NE
Section:	23
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21003
Longitude:	-123.76230
WA state plane south (NAD 27, feet)	
East:	1,189,712
North:	701,206

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Available maps not adequate to describe location.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.05
OHW (m)	2.15
Max Depth (m)	0.53

CHANNEL DESCRIPTION

Toe Width (m)	0.55
Span/Toe Ratio	2.36

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.30
Rise (m)	1.38
Length (m)	8.84
Slope (%)	0.23
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.76
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0220

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: SE
Section: 14
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21114
Longitude: -123.76482
WA state plane south (NAD 27, feet)
East: 1,189,102
North: 701,637

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 3.55 miles northwest of Mayr A line/Wishkah Rd junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m):
WDIC (m): 0.15
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0221

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bascom Pacific Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	14
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21198
Longitude:	-123.76686
WA state plane south (NAD 27, feet)	
East:	1,188,609
North:	701,961

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 3.55 miles NW of Mayr A line/Wishkah Rd junction.

Site Comments:

OHW = 0.2 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.20
Span/Toe Ratio	3.75

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.75
Rise (m)	0.76
Length (m)	
Slope (%)	
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.15
Apron	No
Fill Depth (m)	0.80
Tidegate	No

Culvert Comments:

Excavated upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0222

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bascom Pacific Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	14
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21663
Longitude:	-123.77252
WA state plane south (NAD 27, feet)	
East:	1,187,272
North:	703,714

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 4.0 miles NW of Mayr A line/Wishkah Rd junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.45
Span/Toe Ratio	2.38

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.14
Rise (m)	1.12
Length (m)	
Slope (%)	
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Recently replaced pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0223

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bascom Pacific Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	14
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21800
Longitude:	-123.77414
WA state plane south (NAD 27, feet)	
East:	1,186,891
North:	704,231

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 4.15 miles NW of Mayr A line/Wishkah Rd junction.

Site Comments:

Stream flows under rail road grade approximately 10 meters downstream. OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CAL
Span (m)	1.21
Rise (m)	1.17
Length (m)	
Slope (%)	
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.15
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0224

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	H-4000
County:	Grays Harbor
1/4 Section:	NE
Section:	15
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21989
Longitude:	-123.77771
WA state plane south (NAD 27, feet)	
East:	1,186,033
North:	704,958

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 200 meters NW of H 4000/Mayr A line junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/24/2004
Field Crew:	Glore/Lutz
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.90
OHW (m)	3.10
Max Depth (m)	0.40

CHANNEL DESCRIPTION

Toe Width (m)	1.20
Span/Toe Ratio	1.13

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.35
Rise (m)	1.32
Length (m)	8.90
Slope (%)	1.20
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.37
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0225

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: H-4000
County: Grays Harbor
1/4 Section: SW
Section: 10
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22843
Longitude: -123.78600
WA state plane south (NAD 27, feet)
East: 1,184,104
North: 708,154

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 0.90 miles NW of H 4000/Mayr A line junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 9.40
OHW (m): 3.85
Max Depth (m): 0.85

CHANNEL DESCRIPTION

Toe Width (m): 2.45
Span/Toe Ratio: 0.85

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 2.07
Rise (m): 1.57
Length (m): 9.06
Slope (%): -0.10
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.13
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0226

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: H-4020
County: Grays Harbor
1/4 Section: SE
Section: 10
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23053
Longitude: -123.78363
WA state plane south (NAD 27, feet)
East: 1,184,724
North: 708,894

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.1 miles northwest of the H-4000/Mayr A line junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 2.22

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.33
Rise (m): 1.34
Length (m): 8.97
Slope (%): 1.20
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.20
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

No plunge pool measurements due to wetland influence. Pipe has been recently installed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0227

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Mayr A-line
County: Grays Harbor
1/4 Section: NE
Section: 15
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21827
Longitude: -123.77985
WA state plane south (NAD 27, feet)
East: 1,185,478
North: 704,388

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Available maps not adequate to describe location.
Water crossing is approximately 4.40 miles NW of Mayr A line/Wishkah Rd junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/24/2004
Field Crew: Glore/Lutz
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.15
OHW (m): 0.50
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.75
Rise (m): 0.76
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.40
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0228

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-470
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19551
Longitude: -123.74804
WA state plane south (NAD 27, feet)
East: 1,193,034
North: 695,768

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is located immediately north of the W-470/H-5000 junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.90
OHW (m): 1.80
Max Depth (m): 0.50

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.64

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.32
Rise (m): 0.30
Length (m): 12.42
Slope (%): 5.70
Bed Material: No
Outfall Drop (m): 0.30
WDIC (m): 0.04
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0229

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-470
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19128
Longitude: -123.75286
WA state plane south (NAD 27, feet)
East: 1,191,774
North: 694,275

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles southwest of the W-470/H-5000 junction.

Site Comments:

OHW = 1.0 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Lutz
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.95
Span/Toe Ratio: 0.63

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.62
Length (m): 12.38
Slope (%): 2.50
Bed Material: No
Outfall Drop (m): 1.95
WDIC (m): 0.04
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto rip-rap pile.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0230

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-470
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19131
Longitude: -123.75276
WA state plane south (NAD 27, feet)
East: 1,191,799
North: 694,286

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles southwest of the W-470/H-5000 junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.65
Span/Toe Ratio: 0.69

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.46
Length (m): 9.44
Slope (%): 3.00
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

No plunge pool measurements as outfall is onto rip-rap pile with series of high gradient riffles downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0231

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-470
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19042
Longitude: -123.75404
WA state plane south (NAD 27, feet)
East: 1,191,467
North: 693,972

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.60 miles southwest of the W-470/H-5000 junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.45
OHW (m): 1.15
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 0.78

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.48
Length (m): 9.45
Slope (%): 4.60
Bed Material: No
Outfall Drop (m): 0.22
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0232

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-470
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18956
Longitude: -123.75564
WA state plane south (NAD 27, feet)
East: 1,191,058
North: 693,676

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.75 miles southwest of the W-470/H-5000 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.75
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto steep gradient. Confluence with main stem 40 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0233

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21877
Longitude: -123.78855
WA state plane south (NAD 27, feet)
East: 1,183,325
North: 704,662

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.20 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.35
Span/Toe Ratio: 1.74

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m): 0.00
WDIC (m): 0.08
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

Flow is subsurface downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0234

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Mayr A-line
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 29N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22004
Longitude: -123.79395
WA state plane south (NAD 27, feet)
East: 1,182,005
North: 705,179

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.45 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.40
Span/Toe Ratio: 1.60

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.64
Rise (m): 0.63
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Intermittent subsurface flows downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0235

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: NW
Section: 15
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22062
Longitude: -123.79581
WA state plane south (NAD 27, feet)
East: 1,181,550
North: 705,411

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.50 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/30/2004
Field Crew: Glore/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio: 1.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 0.61
Rise (m): 0.64
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Wetland influence and intermittent subsurface flows upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0236

Fish Use:

Yes

PI:

Barrier:

Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	16
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22159
Longitude:	-123.79861
WA state plane south (NAD 27, feet)	
East:	1,180,871
North:	705,794

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.65 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

OHW = 0.65 meters.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	Unk
Passability (%)	
Method	
Repair Status	NG
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.10
OHW (m)	0.65
Max Depth (m)	0.10

CHANNEL DESCRIPTION

Toe Width (m)	0.55
Span/Toe Ratio	1.13

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.62
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	Unk
Outfall Drop (m)	0.00
WDIC (m)	0.12
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Source of flow is from seep directly upstream of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0237

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	16
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22207
Longitude:	-123.79963
WA state plane south (NAD 27, feet)	
East:	1,180,625
North:	705,977

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.75 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

Beaver dam 2 meters upstream of culvert.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.00
Span/Toe Ratio	0.94

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.94
Rise (m)	0.90
Length (m)	10.87
Slope (%)	3.30
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.25
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Wetland influence downstream, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0238

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	16
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22450
Longitude:	-123.80260
WA state plane south (NAD 27, feet)	
East:	1,179,924
North:	706,895

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.0 miles northwest of the 3260/GDRC W-460 junction.

Site Comments:

Seep/spring upstream with perennial vegetation growing throughout channel downstream. OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.35
Span/Toe Ratio	1.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.47
Rise (m)	0.47
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.10
Apron	
Fill Depth (m)	
Tidegate	

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0239

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	16
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22439
Longitude:	-123.80586
WA state plane south (NAD 27, feet)	
East:	1,179,113
North:	706,888

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.4 miles southeast of the 3200/3260 junction.

Site Comments:

Survey stake at site reads "3260, #4046, 1.421".

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.20
OHW (m)	0.95
Max Depth (m)	0.20

CHANNEL DESCRIPTION

Toe Width (m)	0.65
Span/Toe Ratio	0.97

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.63
Rise (m)	0.60
Length (m)	
Slope (%)	0.00
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.05
Apron	No
Fill Depth (m)	0.75
Tidegate	No

Culvert Comments:

Level B analysis not applicable due to intermittent subsurface flows downstream of the culvert. Site is also influenced by marsh/wetland habitat upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0240

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NW
Section:	16
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22526
Longitude:	-123.80996
WA state plane south (NAD 27, feet)	
East:	1,178,109
North:	707,249

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Biological

Location / Directions:

Water crossing is approximately 1.2 miles southeast of the 3200/3260 junction.

Site Comments:

Survey stake at site reads "3260, #4044, 1.205"
Juvenile coho identified at site.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	No
Passability (%)	100
Method	LB
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.70
OHW (m)	1.95
Max Depth (m)	0.50

CHANNEL DESCRIPTION

Toe Width (m)	1.90
Span/Toe Ratio	0.64

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.21
Rise (m)	1.21
Length (m)	11.95
Slope (%)	0.42
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.40
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Level B analysis indicates culvert is 100% passable.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0241

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	17
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.22538
Longitude:	-123.82216
WA state plane south (NAD 27, feet)	
East:	1,175,082
North:	707,418

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 100 meters west of the 3260/3260.4 junction.

Site Comments:

OHW = 0.85 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/30/2004
Field Crew:	Glore/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	1.11

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.78
Rise (m)	0.78
Length (m)	17.26
Slope (%)	2.60
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.10
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:

Riffles immediately downstream, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0242

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	SW
Section:	24
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20187
Longitude:	-123.74545
WA state plane south (NAD 27, feet)	
East:	1,193,772
North:	698,060

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.25 miles south of 3260/Wishkah 400 junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.30
OHW (m)	1.92
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	0.62
Span/Toe Ratio	0.98

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.61
Rise (m)	0.61
Length (m)	9.18
Slope (%)	-1.40
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.23
Apron	No
Fill Depth (m)	0.70
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0243

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SW
Section: 24
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19987
Longitude: -123.74519
WA state plane south (NAD 27, feet)
East: 1,193,807
North: 697,326

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.40 miles south of 3260/Wishkah 400 junction.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 5.76
OHW (m): 2.85
Max Depth (m): 0.34

CHANNEL DESCRIPTION

Toe Width (m): 1.70
Span/Toe Ratio: 1.05

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.79
Rise (m): 1.83
Length (m): 8.83
Slope (%): 1.13
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.12
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0244

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	SE
Section:	24
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19793
Longitude:	-123.74317
WA state plane south (NAD 27, feet)	
East:	1,194,279
North:	696,600

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.30 miles west of the 3260/W-300 junction.

Site Comments:

Wetland habitat upstream and downstream, OHW > 0.6 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.45
Rise (m)	0.45
Length (m)	9.04
Slope (%)	1.66
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.21
Apron	No
Fill Depth (m)	0.60
Tidegate	No

Culvert Comments:

No plunge pool or toe due to wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0245

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-300
County: Grays Harbor
1/4 Section: SE
Section: 24
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19837
Longitude: -123.73720
WA state plane south (NAD 27, feet)
East: 1,195,769
North: 696,697

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.10 miles north of the 3260/W-300 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.48
Rise (m): 0.49
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m): 0.04
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

Source of stream is spring/seep 10 meters upstream of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0246

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	W-300
County:	Grays Harbor
1/4 Section:	SE
Section:	24
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20198
Longitude:	-123.73689
WA state plane south (NAD 27, feet)	
East:	1,195,900
North:	698,012

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.30 miles north of 3260/W-300 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.95
Span/Toe Ratio	0.51

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.99
Rise (m)	0.95
Length (m)	11.70
Slope (%)	0.90
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	1.30
Tidegate	No

Culvert Comments:

Riffles at downstream end of pipe, no plunge pool or outfall. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0247

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	W-300
County:	Grays Harbor
1/4 Section:	NW
Section:	24
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.20476
Longitude:	-123.73828
WA state plane south (NAD 27, feet)	
East:	1,195,597
North:	699,037

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.50 miles north of the W-300/3260 junction.

Site Comments:

OHW = 0.95 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.65
Span/Toe Ratio	1.60

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.04
Rise (m)	1.06
Length (m)	11.88
Slope (%)	0.76
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.09
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Riffles at downstream end, no plunge pool or outfall.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0248

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	SW
Section:	19
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19588
Longitude:	-123.73368
WA state plane south (NAD 27, feet)	
East:	1,196,606
North:	695,754

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.15 miles northwest of the 3260/A-line junction.

Site Comments:

Beaver dams upstream and downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	TJ Spradlin, Inc
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	14.10
OHW (m)	4.80
Max Depth (m)	0.62

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.38
Rise (m)	1.34
Length (m)	10.88
Slope (%)	5.10
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.44
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

No toe measurement due to beaver pond influence upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0249

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19073
Longitude: -123.74524
WA state plane south (NAD 27, feet)
East: 1,193,658
North: 693,997

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles northeast of the W-600/W-610 junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.60
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0250

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: NW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18900
Longitude: -123.75152
WA state plane south (NAD 27, feet)
East: 1,192,073
North: 693,430

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 100 meters southwest of the W-600/W-610 junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.59
Rise (m): 0.62
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.23
Apron: No
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0251

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SW
Section: 25
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18782
Longitude: -123.75552
WA state plane south (NAD 27, feet)
East: 1,191,060
North: 693,043

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.3 miles southwest of the W-600/W-610 junction.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

Poorly defined channel.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.23
Rise (m): 1.23
Length (m): 15.12
Slope (%): -1.12
Bed Material: No
Outfall Drop (m): 0.03
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

No plunge pool due to rip-rap at downstream end. No toe measurement due to abundant debris and channel braiding.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0252

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 26
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18545
Longitude: -123.75861
WA state plane south (NAD 27, feet)
East: 1,190,257
North: 692,211

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.5 miles southwest of the W-600/W-610 junction.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 4.60
OHW (m): 2.00
Max Depth (m): 0.37

CHANNEL DESCRIPTION

Toe Width (m): 1.00
Span/Toe Ratio: 0.60

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.64
Length (m): 12.89
Slope (%): 7.53
Bed Material: No
Outfall Drop (m): 0.50
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Downstream end of culvert rusted out.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0253

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 26
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18410
Longitude: -123.76102
WA state plane south (NAD 27, feet)
East: 1,189,639
North: 691,743

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.7 miles southwest of the W-600/W-610 junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 4.52
OHW (m): 1.10
Max Depth (m): 0.26

CHANNEL DESCRIPTION

Toe Width (m): 0.62
Span/Toe Ratio: 0.85

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.53
Rise (m): 0.52
Length (m): 18.36
Slope (%): 5.70
Bed Material: No
Outfall Drop (m): 0.18
WDIC (m): 0.04
Apron: No
Fill Depth (m): 4.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0254

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: NE
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17672
Longitude: -123.76548
WA state plane south (NAD 27, feet)
East: 1,188,418
North: 689,099

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.2 miles southeast of the W-600/W-620 junction.

Site Comments:

OHW = 1.05 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.40
OHW (m): 2.61
Max Depth (m): 0.46

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 0.58

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m): 12.34
Slope (%): 1.80
Bed Material: No
Outfall Drop (m): 0.38
WDIC (m): 0.05
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0255

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: NE
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17645
Longitude: -123.76458
WA state plane south (NAD 27, feet)
East: 1,188,637
North: 688,990

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles southeast of the W-600/W-620 junction.

Site Comments:

OHW = 0.95 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 4.47
OHW (m): 3.30
Max Depth (m): 0.53

CHANNEL DESCRIPTION

Toe Width (m): 0.83
Span/Toe Ratio: 0.48

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.40
Rise (m): 0.33
Length (m): 27.00
Slope (%): 1.80
Bed Material: No
Outfall Drop (m): 0.13
WDIC (m): 0.05
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:

Downstream end of culvert deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0256

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	W-600
County:	Grays Harbor
1/4 Section:	NE
Section:	35
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.17519
Longitude:	-123.75953
WA state plane south (NAD 27, feet)	
East:	1,189,873
North:	688,479

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.6 miles southeast of the W-600/W-620 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	3/31/2004
Field Crew:	Lutz/Schuetzler
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.66
Span/Toe Ratio	0.68

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.45
Rise (m)	0.49
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.40
WDIC (m)	0.03
Apron	No
Fill Depth (m)	
Tidegate	No

Culvert Comments:

No plunge pool as outfall is onto large rip-rap. Upstream end of culvert buried, inaccessible for slope and length calculations. Not able to complete Level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0257

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17329
Longitude: -123.75623
WA state plane south (NAD 27, feet)
East: 1,190,665
North: 687,755

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is immediately north of the W-600/W-630 junction.

Site Comments:

Poorly defined stream channel with perennial vegetation throughout, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 3/31/2004
Field Crew: Lutz/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.45
Rise (m): 0.42
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.21
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0258

Fish Use: Unk

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 26
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.18251
Longitude: -123.76608
WA state plane south (NAD 27, feet)
East: 1,188,357
North: 691,216

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.2 miles northeast of the W-600/W-620 junction.

Site Comments:

Wetland influence upstream and downstream.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.41
Rise (m): 0.41
Length (m): 6.09
Slope (%): -0.33
Bed Material: No
Outfall Drop (m): 0.11
WDIC (m): 0.05
Apron: No
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:

Plunge pool and toe unavailable due to wetland influence upstream and downstream. Bottom of pipe rusted out near both ends. Level B not applicable due to wetlands.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0259

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.17098
Longitude: -123.75815
WA state plane south (NAD 27, feet)
East: 1,190,153
North: 686,930

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is immediately south of the W-600/W-640 junction.

Site Comments:

Gradient barrier downstream.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.40
Rise (m): 0.45
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.62
WDIC (m): 0.01
Apron: No
Fill Depth (m): 6.00
Tidegate: No

Culvert Comments:

Bottom of culvert rusted out on downstream end for 1 meter.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0260

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-600
County: Grays Harbor
1/4 Section: SE
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16923
Longitude: -123.75777
WA state plane south (NAD 27, feet)
East: 1,190,221
North: 686,289

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 100 meters south of the W-600/W-643 junction.

Site Comments:

OHW = 0.3 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.43
Rise (m): 0.27
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.99
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Downstream end of culvert deformed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0261

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4211
County: Grays Harbor
1/4 Section: SW
Section: 2
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15521
Longitude: -123.76867
WA state plane south (NAD 27, feet)
East: 1,187,302
North: 681,293

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.1 miles north of the 4211/4211.3 junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.62
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0262

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4211
County: Grays Harbor
1/4 Section: SW
Section: 2
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15702
Longitude: -123.77518
WA state plane south (NAD 27, feet)
East: 1,185,709
North: 682,021

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.4 miles northwest of the 4211/4211.3 junction.

Site Comments:

OHW < 0.6 meters, perennial vegetation growing throughout channel.

SPECIES POTENTIAL

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

OWNER

Name: Green Crow Corporation
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.25
OHW (m): 1.00
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.75
Rise (m): 0.75
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.14
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0263

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4211
County: Grays Harbor
1/4 Section: SW
Section: 2
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15538
Longitude: -123.77386
WA state plane south (NAD 27, feet)
East: 1,186,014
North: 681,407

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.7 miles west of the 4211/4211.3 junction.

Site Comments:

Perennial vegetation growing throughout channel, OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Green Crow Corporation
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.18
Rise (m): 1.26
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.13
WDIC (m): 0.01
Apron: No
Fill Depth (m): 0.80
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0264

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4211.3
County: Grays Harbor
1/4 Section: SW
Section: 2
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15405
Longitude: -123.76846
WA state plane south (NAD 27, feet)
East: 1,187,335
North: 680,866

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is immediately south of the 4211/4211.3 junction.

Site Comments:

Wetland influence upstream and downstream, poorly defined channel, OHW > 0.6 meters. Rayonier site #4567.

SPECIES POTENTIAL

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

OWNER

Name: Rayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.60
Length (m): 9.23
Slope (%): 3.50
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.29
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Plunge pool and toe unavailable due to wetland influences.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0265

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: NE
Section: 15
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21809
Longitude: -123.78766
WA state plane south (NAD 27, feet)
East: 1,183,536
North: 704,404

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Available maps inadequate to describe location.

Site Comments:

OHW = 1.05 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.75
Span/Toe Ratio: 1.41

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.06
Rise (m): 1.08
Length (m): 12.11
Slope (%): 13.80
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.13
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto rip-rap pile.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0266

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: SW
Section: 15
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.21113
Longitude: -123.79574
WA state plane south (NAD 27, feet)
East: 1,181,424
North: 701,952

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0215
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Available maps inadequate to describe location.

Site Comments:

OHW = 0.2 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.60
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Downstream end partially buried.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0267

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	unknown Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	15
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21009
Longitude:	-123.79481
WA state plane south (NAD 27, feet)	
East:	1,181,640
North:	701,563

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0211
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.90 miles SW of 3260/unknown Rd junction. Available maps inadequate to describe location.

Site Comments:

OHW = 0.95 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Grays Harbor
Type:	County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/6/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.85
Span/Toe Ratio	0.64

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.18
Rise (m)	1.16
Length (m)	12.17
Slope (%)	4.70
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.42
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:

No measurable plunge pool or downstream control due to bedrock slide at downstream end. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0268

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: H-3000
County: Grays Harbor
1/4 Section: NW
Section: 22
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.20561
Longitude: -123.79726
WA state plane south (NAD 27, feet)
East: 1,180,963
North: 699,955

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0214
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Available maps inadequate to describe location.

Site Comments:

Stream flows through cow pastures. No buffer along stream channel. US of culvert, approximately 200 meters, stream flows adjacent to road for approximately 20.00 meters then enters a ditch. At US end of culvert trib

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.79
Span/Toe Ratio: 1.52

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.20
Rise (m): 1.23
Length (m): 112.04
Slope (%): 1.27
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.09
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No outfall or plunge pool as stream riffles directly downstream of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0269

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Bascom Pacific Rd
County:	Grays Harbor
1/4 Section:	SE
Section:	14
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.21549
Longitude:	-123.76024
WA state plane south (NAD 27, feet)	
East:	1,190,305
North:	703,173

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0219
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.15 miles north of the 3265/T-1010 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Bascom Pacific LLC
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/8/2004
Field Crew:	Glore/Blatt
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	2.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	2.07
Rise (m)	2.00
Length (m)	9.07
Slope (%)	0.04
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.10
Apron	No
Fill Depth (m)	1.40
Tidegate	No

Culvert Comments:

Riffle at downstream end, no plunge pool or outfall. Confluence with larger stream 5 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0270

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: T-2000
County: Grays Harbor
1/4 Section: SW
Section: 12
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22522
Longitude: -123.75267
WA state plane south (NAD 27, feet)
East: 1,192,331
North: 706,640

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0219
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.95 miles northeast of the T-2000/3265 junction.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.15
Span/Toe Ratio: 1.03

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.18
Rise (m): 1.20
Length (m): 11.90
Slope (%): 1.54
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.05
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Riffles at downstream end of pipe, no plunge pool or outfall.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0271

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: NE
Section: 14
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22025
Longitude: -123.76365
WA state plane south (NAD 27, feet)
East: 1,189,529
North: 704,942

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0219
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.35 miles north of the 3265/T-2000 junction.

SPECIES POTENTIAL

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

Site Comments:

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.10
Span/Toe Ratio: 1.71

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.88
Rise (m): 1.82
Length (m): 11.70
Slope (%): 0.17
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.06
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No plunge pool or outfall as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0272

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Bascom Pacific Rd
County: Grays Harbor
1/4 Section: NE
Section: 11
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23731
Longitude: -123.75576
WA state plane south (NAD 27, feet)
East: 1,191,745
North: 711,080

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0219
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Available maps inadequate to describe location.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/8/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 2.80
OHW (m): 1.10
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m): 0.85
Span/Toe Ratio: 1.75

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.49
Rise (m): 1.56
Length (m): 14.36
Slope (%): 7.70
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.01
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0273

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3265.2
County: Grays Harbor
1/4 Section: NE
Section: 10
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23681
Longitude: -123.77870
WA state plane south (NAD 27, feet)
East: 1,186,045
North: 711,132

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 2.2 miles north of the 3265.2/3265 junction.

Site Comments:

OHW =1.3 meters.

SPECIES POTENTIAL

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

OWNER

Name: Bascom Pacific LLC
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/6/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.10
Span/Toe Ratio: 1.36

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.50
Rise (m): 1.43
Length (m): 17.60
Slope (%): 2.70
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.11
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No plunge pool or outfall due to riffles at downstream end of culvert. Confluence with larger stream 40 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0274

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: SE
Section: 31
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25540
Longitude: -123.73895
WA state plane south (NAD 27, feet)
East: 1,196,188
North: 717,500

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.4 miles west of the 3300/3310 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/8/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 0.89
OHW (m): 0.72
Max Depth (m): 0.14

CHANNEL DESCRIPTION

Toe Width (m): 0.25
Span/Toe Ratio: 1.84

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.66
WDIC (m): 0.03
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0275

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NE
Section: 1
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25354
Longitude: -123.73760
WA state plane south (NAD 27, feet)
East: 1,196,496
North: 716,810

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: Parker Cr
Tributary To: Wishkah R 22.0191
WRIA: 22.0231
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles west of the 3300/3310 junction.

Site Comments:

OHW = 3.0 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/8/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 10.34
OHW (m): 12.34
Max Depth (m): 1.75

CHANNEL DESCRIPTION

Toe Width (m): 2.30
Span/Toe Ratio: 0.88

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 2.02
Rise (m): 2.30
Length (m): 61.95
Slope (%): 2.10
Bed Material: No
Outfall Drop (m): 1.25
WDIC (m): 0.17
Apron: No
Fill Depth (m): 14.50
Tidegate: No

Culvert Comments:

Survey stake reads "3300, 5226, 1.722"



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0276

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NW
Section: 6
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25516
Longitude: -123.72855
WA state plane south (NAD 27, feet)
East: 1,198,766
North: 717,308

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of the 3300/3320 junction.

Site Comments:

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/8/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.75
OHW (m): 1.50
Max Depth (m): 0.33

CHANNEL DESCRIPTION

Toe Width (m): 1.15
Span/Toe Ratio: 0.78

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.90
Rise (m): 0.90
Length (m): 15.70
Slope (%): 2.80
Bed Material: No
Outfall Drop (m): 0.60
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Rip-rap at downstream end of culvert.
Downstream control provided by downed log across channel. Signs of beaver activity.
Survey stake reads "3300/4316/2549".



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0277

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NW
Section: 6
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25518
Longitude: -123.72832
WA state plane south (NAD 27, feet)
East: 1,198,822
North: 717,312

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of the 3300/3320 junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/8/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.67
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m):
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Rip-rap upstream of culvert. Survey stake reads "3300, #42117, 2.564"



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0278

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3300
County:	Grays Harbor
1/4 Section:	NW
Section:	6
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25372
Longitude:	-123.72593
WA state plane south (NAD 27, feet)	
East:	1,199,395
North:	716,756

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Parker Cr 22.0231
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.45 miles northeast of the 3300/3320 junction.

Site Comments:

Survey stake reads "3300, #4319, 2.722"

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/8/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.09
Span/Toe Ratio	1.11

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.21
Rise (m)	1.25
Length (m)	37.08
Slope (%)	2.60
Bed Material	No
Outfall Drop (m)	0.07
WDIC (m)	0.06
Apron	No
Fill Depth (m)	10.00
Tidegate	No

Culvert Comments:

Debris gate on upstream end. Wooden support beams spaced at regular intervals through length of pipe. No plunge pool as stream ripples at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0279

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3311
County: Grays Harbor
1/4 Section: SW
Section: 32
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25965
Longitude: -123.72994
WA state plane south (NAD 27, feet)
East: 1,198,488
North: 718,959

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.2 miles northeast of the 3310/3311 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 0.53

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.37
Rise (m): 0.39
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.72
WDIC (m): 0.02
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0280

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3311
County: Grays Harbor
1/4 Section: SW
Section: 32
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25996
Longitude: -123.72632
WA state plane south (NAD 27, feet)
East: 1,199,390
North: 719,032

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.5 miles east of the 3310/3311 junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.98

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.48
Rise (m): 0.54
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.02
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0281

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Reservoir access Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	33
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26989
Longitude:	-123.71633
WA state plane south (NAD 27, feet)	
East:	1,202,016
North:	722,551

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.5 miles north of the 3312/City of Aberdeen reservoir access road junction.

Site Comments:

Natural point barrier 20 meters upstream.

SPECIES POTENTIAL

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

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/12/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	NG
Problem	outfall drop

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	0.33
WDIC (m)	0.06
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

No plunge pool as outfall is onto pile of broken concrete slabs placed in channel to reduce scour.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0282

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3312
County:	Grays Harbor
1/4 Section:	SW
Section:	33
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26291
Longitude:	-123.71600
WA state plane south (NAD 27, feet)	
East:	1,201,994
North:	720,004

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.0 miles southeast of the 3310/3312 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Aberdeen
Type:	City

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/12/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	5.00
OHW (m)	2.70
Max Depth (m)	1.00

CHANNEL DESCRIPTION

Toe Width (m)	2.05
Span/Toe Ratio	0.57

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CAL
Span (m)	1.16
Rise (m)	1.27
Length (m)	7.82
Slope (%)	2.80
Bed Material	No
Outfall Drop (m)	0.52
WDIC (m)	0.15
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0283

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NW
Section: 1
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25446
Longitude: -123.74859
WA state plane south (NAD 27, feet)
East: 1,193,783
North: 717,257

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.3 miles west of the 3300/3303 junction.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.20
OHW (m): 1.10
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m): 0.90
Span/Toe Ratio: 0.51

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.45
Length (m): 47.47
Slope (%): 4.70
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 14.00
Tidegate: No

Culvert Comments:

Culvert heavily rusted on downstream end, water is escaping pipe and flowing through fill on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0284

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: SW
Section: 31
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25602
Longitude: -123.75136
WA state plane south (NAD 27, feet)
East: 1,193,120
North: 717,852

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.45 miles west of the 3300/3303 junction.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.83
Span/Toe Ratio: 0.54

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.44
Rise (m): 0.45
Length (m): 36.54
Slope (%): 5.60
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.11
Apron: No
Fill Depth (m): 10.00
Tidegate: No

Culvert Comments:

No plunge pool as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0285

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25548
Longitude: -123.75343
WA state plane south (NAD 27, feet)
East: 1,192,596
North: 717,679

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.55 miles west of the 3300/3303 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 2.00
OHW (m): 1.10
Max Depth (m): 0.21

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.90

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.26
WDIC (m): 0.03
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0286

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3300
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25523
Longitude: -123.75381
WA state plane south (NAD 27, feet)
East: 1,192,500
North: 717,589

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.6 miles west of the 3300/3303 junction.

Site Comments:

Survey stake reads "3300, #4447, 0.537" OHW = 0.25 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/13/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.25
Span/Toe Ratio: 1.28

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.32
Rise (m): 0.32
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m):
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:

No plunge pool as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0287

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3300
County:	Grays Harbor
1/4 Section:	NE
Section:	2
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25418
Longitude:	-123.75587
WA state plane south (NAD 27, feet)	
East:	1,191,973
North:	717,229

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.7 miles west of the 3300/3303 junction.

Site Comments:

OHW = 0.45 meters. Survey stake reads "3300, #5214, 0.471"

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.30
Rise (m)	0.30
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	
WDIC (m)	0.02
Apron	
Fill Depth (m)	
Tidegate	

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0288

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3301
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25110
Longitude: -123.75852
WA state plane south (NAD 27, feet)
East: 1,191,268
North: 716,132

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.1 miles south of the 3300/3301 junction.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/13/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 5.10
OHW (m): 3.00
Max Depth (m): 72.00

POTENTIAL HABITAT GAIN

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

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.25
Rise (m): 1.20
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.16
WDIC (m): 0.07
Apron: No
Fill Depth (m): 9.00
Tidegate: No

Culvert Comments:

Could not complete level A due to debris and fill over upstream end of pipe. No toe measurement due to beaver/wetland influence. Water flowing subsurface through road fill.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0289

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3301
County: Grays Harbor
1/4 Section: NE
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25042
Longitude: -123.75824
WA state plane south (NAD 27, feet)
East: 1,191,327
North: 715,881

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles south of the 3301/3300 junction.

Site Comments:

OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/13/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.02
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0290

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3301
County:	Grays Harbor
1/4 Section:	NE
Section:	2
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.24984
Longitude:	-123.75902
WA state plane south (NAD 27, feet)	
East:	1,191,124
North:	715,680

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.2 miles south of the 3301/3300 junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.45
Span/Toe Ratio	1.19

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.72
Rise (m)	1.84
Length (m)	15.25
Slope (%)	2.40
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	4.50
Tidegate	No

Culvert Comments:

Culvert recently installed. Beaver pond 20 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0291

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3300
County:	Grays Harbor
1/4 Section:	NE
Section:	2
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25295
Longitude:	-123.76160
WA state plane south (NAD 27, feet)	
East:	1,190,533
North:	716,838

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 75 meters east of the 3300/3200 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	11.70
OHW (m)	5.65
Max Depth (m)	0.90

CHANNEL DESCRIPTION

Toe Width (m)	1.65
Span/Toe Ratio	0.74

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.22
Rise (m)	1.24
Length (m)	77.32
Slope (%)	2.80
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.15
Apron	No
Fill Depth (m)	30.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0292

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 36
Township: 21N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25639
Longitude: -123.76107
WA state plane south (NAD 27, feet)
East: 1,190,716
North: 718,086

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of the 3200/3300 junction.

Site Comments:

Gradient barrier. OHW = 0.85 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/12/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.06
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0293

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SW
Section:	31
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26043
Longitude:	-123.75748
WA state plane south (NAD 27, feet)	
East:	1,191,666
North:	719,523

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.6 miles north of the 3200/3300 junction.

Site Comments:

Abundant LWD.

SPECIES POTENTIAL

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

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.80
Span/Toe Ratio	0.34

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.61
Rise (m)	0.61
Length (m)	64.00
Slope (%)	2.50
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.25
Apron	No
Fill Depth (m)	7.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0294

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SW
Section:	31
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26256
Longitude:	-123.75362
WA state plane south (NAD 27, feet)	
East:	1,192,657
North:	720,258

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.8 miles north of the 3200/3300 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.20
OHW (m)	0.70
Max Depth (m)	0.15

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.30
Rise (m)	0.30
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.25
WDIC (m)	0.02
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

Stream flows subsurface 5 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0295

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NW
Section:	31
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26505
Longitude:	-123.75200
WA state plane south (NAD 27, feet)	
East:	1,193,096
North:	721,149

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.0 miles north of the 3200/3300 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/13/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.50
Span/Toe Ratio	0.70

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.35
Rise (m)	0.35
Length (m)	
Slope (%)	
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.09
Apron	No
Fill Depth (m)	6.00
Tidegate	No

Culvert Comments:

Culvert is broken off downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0296

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NW
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25475
Longitude: -123.76980
WA state plane south (NAD 27, feet)
East: 1,188,525
North: 717,580

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.55 miles east of the 3200/3300 junction.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/13/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 3.30
OHW (m): 2.70
Max Depth (m): 0.60

CHANNEL DESCRIPTION

Toe Width (m): 2.20
Span/Toe Ratio: 0.28

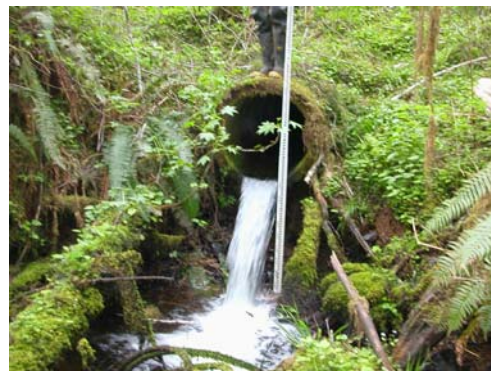
POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.61
Rise (m): 0.61
Length (m): 100.27
Slope (%): 3.80
Bed Material: No
Outfall Drop (m): 0.65
WDIC (m): 0.05
Apron: No
Fill Depth (m): 20.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0297

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NW
Section:	2
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25550
Longitude:	-123.77143
WA state plane south (NAD 27, feet)	
East:	1,188,131
North:	717,870

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.6 miles west of the 3200/3300 junction.

Site Comments:

OHW = 0.8 meters. Survey stake reads "3200, #4260, 10.118"

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/14/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.03
OHW (m)	0.95
Max Depth (m)	0.32

CHANNEL DESCRIPTION

Toe Width (m)	0.81
Span/Toe Ratio	0.38

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.31
Rise (m)	0.31
Length (m)	67.19
Slope (%)	8.60
Bed Material	No
Outfall Drop (m)	0.04
WDIC (m)	0.04
Apron	No
Fill Depth (m)	15.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0298

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NW
Section:	2
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25498
Longitude:	-123.77452
WA state plane south (NAD 27, feet)	
East:	1,187,356
North:	717,712

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.8 miles west of the 3200/3300 junction.

Site Comments:

Mass wasting event on side of road has piled soil and debris over downstream end of culvert. Can not complete level A analysis.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/14/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.93
Span/Toe Ratio	0.49

POTENTIAL HABITAT GAIN

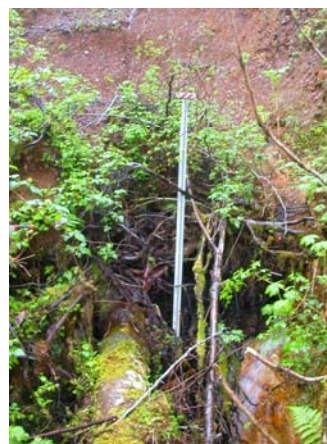
Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.46
Rise (m)	0.46
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	
WDIC (m)	0.10
Apron	No
Fill Depth (m)	10.00
Tidegate	No

Culvert Comments:

Can not complete level A analysis.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0299

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NW
Section: 2
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25411
Longitude: -123.77481
WA state plane south (NAD 27, feet)
East: 1,187,271
North: 717,399

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.85 miles west of the 3200/3300 junction.

Site Comments:

OHW = 0.15 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.04
Apron: No
Fill Depth (m): 8.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0300

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NE
Section: 3
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25239
Longitude: -123.77833
WA state plane south (NAD 27, feet)
East: 1,186,373
North: 716,807

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.05 miles west of the 3200/3300 junction.

Site Comments:

OHW > 0.6 meters. Stake at site reads "3200/4250/9.559"

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 2.85
OHW (m): 2.75
Max Depth (m): 0.28

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.45
Rise (m): 0.45
Length (m): 100.61
Slope (%): 7.88
Bed Material: No
Outfall Drop (m): 0.44
WDIC (m): 0.07
Apron: No
Fill Depth (m): 27.50
Tidegate: No

Culvert Comments:

Abundant debris in channel obscures accurate toe or OHW measurement.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0301

Fish Use:

No

PI:

Barrier:

Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NE
Section: 3
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25123
Longitude: -123.77911
WA state plane south (NAD 27, feet)
East: 1,186,160
North: 716,393

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.15 miles west of the 3200/3300 junction.

Site Comments:

Survey stake at site reads "3200, #4248, 9.473"

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.00
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:

Downstream end of culvert follows contour of slope. Large pile of freshly cut logs at site - unable to complete level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0302

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NE
Section:	3
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.24996
Longitude:	-123.77994
WA state plane south (NAD 27, feet)	
East:	1,185,936
North:	715,938

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	WF Wishkah 22.0212
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.35 miles southwest of the 3200/3300 junction.

Site Comments:

Gradient barrier 30 meters upstream of pipe, no substantial gain. OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	11/21/2004
Field Crew:	Glore/Haque
Barrier	Unk
Passability (%)	
Method	OT
Repair Status	NG
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	1.40
OHW (m)	1.20
Max Depth (m)	0.19

CHANNEL DESCRIPTION

Toe Width (m)	0.65
Span/Toe Ratio	1.08

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.60
Rise (m)	0.52
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.20
WDIC (m)	0.05
Apron	No
Fill Depth (m)	10.00
Tidegate	No

Culvert Comments:

Downstream control of plunge pool provided by LWD spanning channel.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0303

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NE
Section: 3
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24844
Longitude: -123.78066
WA state plane south (NAD 27, feet)
East: 1,185,733
North: 715,391

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.65 miles southwest of the 3200/3300 junction.

Site Comments:

Debris gate at upstream end of culvert, both ends are obscured by sediment/logging debris. Downstream side of road is beginning to fail. OHW < 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/21/2004
Field Crew: Glore/Haque
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape:
Material:
Span (m):
Rise (m):
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

Culvert measurements unavailable due to sediment build up on upstream end and mass wasting event on downstream side of road.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0304

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NW
Section: 3
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24871
Longitude: -123.78598
WA state plane south (NAD 27, feet)
East: 1,184,417
North: 715,545

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.65 miles west of the 3200/3300 junction.

Site Comments:

OHW = 0.2 meters. Survey stake reads "3200, #4240, 8.85"

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0305

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SW
Section: 3
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24851
Longitude: -123.78702
WA state plane south (NAD 27, feet)
East: 1,184,158
North: 715,484

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.7 miles southwest of the 3200/3300 junction.

Site Comments:

Natural point barrier (4.2 vertical meters) downstream of site.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.60
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.24
WDIC (m): 0.07
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Downstream end of culvert is RND, PCC.
Debris gate at upstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0306

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SE
Section:	4
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.24337
Longitude:	-123.80345
WA state plane south (NAD 27, feet)	
East:	1,180,002
North:	713,779

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0212
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.55 miles east of the 3200/3251 junction.

Site Comments:

OHW = 0.4 meters. Survey stake reads "3200, #4221, 7.565"

SPECIES POTENTIAL

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

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/14/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.51
Rise (m)	0.51
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	
WDIC (m)	0.03
Apron	No
Fill Depth (m)	6.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0307

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 4
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24380
Longitude: -123.80480
WA state plane south (NAD 27, feet)
East: 1,179,673
North: 713,950

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: Raney Cr
Tributary To: WF Wishkah 22.0212
WRIA: 22.0231
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.5 miles east of the 3200/3251 junction.

Site Comments:

OHW = 0.15 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.47
Rise (m): 0.47
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.02
Apron: No
Fill Depth (m): 10.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0308

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 4
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.24413
Longitude: -123.80702
WA state plane south (NAD 27, feet)
East: 1,179,127
North: 714,094

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.35 miles east of the 3200/3251 junction.

Site Comments:

OHW = 0.15 meters. Survey stake reads "3200, #4218, 7.38"

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.02
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0309

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: W-170
County: Grays Harbor
1/4 Section: SW
Section: 35
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.16793
Longitude: -123.76793
WA state plane south (NAD 27, feet)
East: 1,187,678
North: 685,922

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: WF Wishkah 22.0212
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.65 miles southeast of the 4220/W-170 junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

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

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.70
Span/Toe Ratio: 1.30

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.91
Rise (m): 0.90
Length (m): 5.16
Slope (%): -1.29
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.12
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

No outfall or plunge pool as stream is backwatered from small beaver dam downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0310

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200.0093
County: Grays Harbor
1/4 Section: SE
Section: 8
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23285
Longitude: -123.81911
WA state plane south (NAD 27, feet)
East: 1,175,953
North: 710,109

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 100 meters south of the 32200.3200.0093 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/14/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.98

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.48
Rise (m): 0.48
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0311

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SE
Section:	8
Township:	20N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.23301
Longitude:	-123.81970
WA state plane south (NAD 27, feet)	
East:	1,175,809
North:	710,174

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Raney Cr 22.0213
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.0 miles northeast of the 3200/3250 junction.

Site Comments:

OHW = 0.6 meters. Survey stake reads "3200, #4125, 6.166"

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/26/2004
Field Crew:	Glore/Blatt/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	2.05
OHW (m)	1.00
Max Depth (m)	0.30

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.65
Rise (m)	0.58
Length (m)	11.19
Slope (%)	3.70
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.02
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0312

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 8
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23182
Longitude: -123.82183
WA state plane south (NAD 27, feet)
East: 1,175,263
North: 709,764

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.9 miles northeast of the 3200/3250 junction.

Site Comments:

OHW = 1.0 meter. Survey stake reads "3200,#4071, 6.035".

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/26/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: outfall drop

PLUNGE POOL DESCRIPTION

Length (m): 5.24
OHW (m): 2.96
Max Depth (m): 0.89

CHANNEL DESCRIPTION

Toe Width (m): 1.01
Span/Toe Ratio: 1.00

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.02
Rise (m): 1.09
Length (m): 11.05
Slope (%): 0.20
Bed Material: No
Outfall Drop (m): 0.42
WDIC (m): 0.05
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Culvert is bent upwards at both ends.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0313

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 8
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.23135
Longitude: -123.82243
WA state plane south (NAD 27, feet)
East: 1,175,106
North: 709,598

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.85 miles northeast of the 3200/3250 junction.

Site Comments:

Survey stake reads "3200, #4070, 5.991" OHW < 0.6 meters, poorly defined channel with perennial growth throughout.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/26/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.59
Rise (m): 0.59
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.02
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0314

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 8
Township: 20N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.22923
Longitude: -123.82649
WA state plane south (NAD 27, feet)
East: 1,174,067
North: 708,867

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: unnamed
Tributary To: Raney Cr 22.0213
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.6 miles northeast of the 3200/3250 junction.

Site Comments:

Wooden beams driven in channel 2 meters upstream of pipe create a debris gate.

SPECIES POTENTIAL

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

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/26/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.64
OHW (m): 1.38
Max Depth (m): 0.51

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: PVC
Span (m): 0.62
Rise (m): 0.62
Length (m): 9.41
Slope (%): 2.80
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.22
Apron: No
Fill Depth (m): 0.60
Tidegate: No

Culvert Comments:

Pipe 1.2 is on left bank. Small beaver dams upstream and downstream. No toe width due to beaver/wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0314

Fish Use:

Yes

PI:

Barrier:

Yes

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	1.03
Rise (m)	1.08
Length (m)	10.83
Slope (%)	6.05
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.28
Apron	No
Fill Depth (m)	0.60
Tidegate	No

Culvert Comments:

Pipe 2.2 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0315

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99282
Longitude: -123.81256
WA state plane south (NAD 27, feet)
East: 1,173,904
North: 622,571

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: Stewart Cr
Tributary To: Wishkah 22.0191
WRIA: 22.0192
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 20 meters northeast of B St/Wishkah Rd junction.

Site Comments:

OHW = 0.6 meters.

SPECIES POTENTIAL

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

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/26/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

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

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: BOX
Material: PCC
Span (m): 2.73
Rise (m): 1.90
Length (m): 17.49
Slope (%): 0.17
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.80
Apron: BE
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Level B not applicable due to tidal influence.
Outside of tidal influence, toe = 2.38, OHW = 3.35.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0316

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: B St
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99345
Longitude: -123.81293
WA state plane south (NAD 27, feet)
East: 1,173,822
North: 622,807

EVALUATION LEVEL COMPLETED

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

WATERBODY

Stream: Stewart Cr
Tributary To: Wishkah R 22.0191
WRIA: 22.0192
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 50 meters north of B St/Wishkah Rd junction.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/26/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 2.38
Span/Toe Ratio: 1.28

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: PCC
Span (m): 1.53
Rise (m): 1.51
Length (m): 12.93
Slope (%): 0.93
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.49
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Level B not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0316

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	PCC
Span (m)	1.52
Rise (m)	1.52
Length (m)	12.63
Slope (%)	0.82
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.40
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0317

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Valley Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	4
Township:	17N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.99442
Longitude:	-123.81350
WA state plane south (NAD 27, feet)	
East:	1,173,695
North:	623,165

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	Stewart Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0192
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 70 meters east of B St/Valley Rd junction.

Site Comments:

Upstream flows through Stewart Park.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☒ Coho
- ☐ Steelhead
- ☒ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/29/2004
Field Crew:	Glore/Blatt/Schuetzler
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	4.45
OHW (m)	5.87
Max Depth (m)	0.45

CHANNEL DESCRIPTION

Toe Width (m)	1.08
Span/Toe Ratio	2.66

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.2
Shape	SQSH
Material	CAL
Span (m)	1.44
Rise (m)	0.96
Length (m)	10.46
Slope (%)	0.57
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.18
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence. Plunge pool is influenced by bank DS that skews pool to RB of pipes.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0317

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	SQSH
Material	CAL
Span (m)	1.45
Rise (m)	1.45
Length (m)	11.24
Slope (%)	0.33
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.29
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0318

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is located in Stewart Park, approximately 40 meters south of site 127W0317.

Site Comments:

Perennial vegetation throughout channel, OHW < 0.6 meters.

SPECIES POTENTIAL

- | | |
|------------------------------------|--|
| <input type="checkbox"/> Sockeye | <input type="checkbox"/> Sea Run Cutthroat |
| <input type="checkbox"/> Pink | <input type="checkbox"/> Resident Trout |
| <input type="checkbox"/> Chum | <input type="checkbox"/> Dolly/Bull Trout |
| <input type="checkbox"/> Chinook | <input type="checkbox"/> Brook Trout |
| <input type="checkbox"/> Coho | <input type="checkbox"/> Brown Trout |
| <input type="checkbox"/> Steelhead | |

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m)
Rearing (sq m)

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0319

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Valley Rd
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99460
Longitude: -123.81749
WA state plane south (NAD 27, feet)
East: 1,172,703
North: 623,272

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Stewart Cr 22.0192
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.25 miles west of Valley Rd/B St junction.

Site Comments:

Pipe bends horizontally, laser placed above bend to account for additional length.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/29/2004
Field Crew: Glore/Blatt/Schuetzler
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.32
Span/Toe Ratio: 0.69

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.91
Rise (m): 0.91
Length (m): 11.13
Slope (%): 0.45
Bed Material: No
Outfall Drop (m): 0.80
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto pile of broken concrete and asphalt. Pipe bends horizontally to left bank by about 45 degrees. May affect slope and length, although laser was placed to minimize error.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0320

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	33
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.99512
Longitude:	-123.81890
WA state plane south (NAD 27, feet)	
East:	1,172,359
North:	623,476

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0193
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is located beneath private driveway for residence @ 500 Valley St.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☒ Coho
- ☐ Steelhead
- ☒ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	John and Anita Hanson
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/29/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	outfall drop

PLUNGE POOL DESCRIPTION

Length (m)	4.32
OHW (m)	6.17
Max Depth (m)	0.62

CHANNEL DESCRIPTION

Toe Width (m)	1.38
Span/Toe Ratio	0.51

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	SST
Span (m)	0.71
Rise (m)	0.70
Length (m)	14.86
Slope (%)	0.87
Bed Material	No
Outfall Drop (m)	0.44
WDIC (m)	0.16
Apron	No
Fill Depth (m)	6.00
Tidegate	No

Culvert Comments:

Abundant LWD in downstream channel w/ clean gravel. Upstream of pipe pooled up, probable blockage or grade break in pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0321

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 28
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01093
Longitude: -123.81518
WA state plane south (NAD 27, feet)
East: 1,173,528
North: 629,198

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.30 miles north of Hoffman Rd/Wishkah Rd junction.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Grays Harbor
Type: County

Site Comments:

Confluence with main stem Wishkah 75 meters downstream.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/29/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.77
OHW (m): 1.15
Max Depth (m): 0.25

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CHANNEL DESCRIPTION

Toe Width (m): 0.82
Span/Toe Ratio: 0.56

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.46
Rise (m): 0.46
Length (m): 22.50
Slope (%): 0.16
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Level B not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0322

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Wishkah Rd
County:	Grays Harbor
1/4 Section:	SW
Section:	28
Township:	18N
Range:	09W

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Biological

OWNER

Name:	Grays Harbor
Type:	County

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01285
Longitude:	-123.81637
WA state plane south (NAD 27, feet)	
East:	1,173,262
North:	629,912

Location / Directions:

Water crossing is approximately 0.45 miles north of Hoffman Rd/Wishkah Rd junction.

Site Comments:

Abundant juveniles coho downstream, none observed upstream. Confluence with main stem Wishkah 75 meters downstream.

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☒ Coho
- ☐ Steelhead
- ☒ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/29/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	4.80
OHW (m)	2.97
Max Depth (m)	0.45

CHANNEL DESCRIPTION

Toe Width (m)	1.08
Span/Toe Ratio	0.56

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	28.35
Slope (%)	2.86
Bed Material	No
Outfall Drop (m)	0.29
WDIC (m)	0.06
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

Landowner observes numerous juveniles, no adults. Upstream - stream is very small w/ subsurface flows.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0323

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Wishkah Rd
County: Grays Harbor
1/4 Section: SW
Section: 28
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01591
Longitude: -123.81583
WA state plane south (NAD 27, feet)
East: 1,173,444
North: 631,022

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.65 miles north of Hoffman Rd/Wishkah Rd junction.

Site Comments:

OHW = 0.75 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Grays Harbor
Type: County

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 4/29/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: UD
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.49
Span/Toe Ratio: 0.84

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.41
Rise (m): 0.41
Length (m): 12.26
Slope (%): 0.20
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

No plunge pool or outfall as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0324

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	15
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.04149
Longitude:	-123.79168
WA state plane south (NAD 27, feet)	
East:	1,179,851
North:	640,089

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Wyman Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0199
Fish Use:	Yes
FUP Criteria:	Biological

Location / Directions:

Water crossing is approximately 50 meters east of Wishkah Rd, beneath private drive for residence @ 3616 Wishkah Rd.

Site Comments:

Numerous juvenile coho observed.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	GMAC Mortgage Corporation
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/29/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	SQSH
Material	CST
Span (m)	2.73
Rise (m)	1.91
Length (m)	7.34
Slope (%)	0.14
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.59
Apron	No
Fill Depth (m)	0.60
Tidegate	No

Culvert Comments:

No plunge pool or toe due to wetland influence.
Level B not applicable due to wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0325

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Dr
County:	Grays Harbor
1/4 Section:	SW
Section:	15
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.04159
Longitude:	-123.79167
WA state plane south (NAD 27, feet)	
East:	1,179,854
North:	640,126

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Wyman Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0199
Fish Use:	Yes
FUP Criteria:	Biological

Location / Directions:

Water crossing is approximately 50 meters east of Wishkah Rd, 5 meters north of private drive @ 3616 Wishkah Rd.

Site Comments:

Site is 2 meters upstream of 127W0325.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	GMAC Mortgage Corporation
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	4/29/2004
Field Crew:	Glore/Blatt/Schuetzler
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	SST
Span (m)	0.61
Rise (m)	0.61
Length (m)	5.13
Slope (%)	3.31
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.22
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Plunge pool and toe unavailable due to confluence at downstream end of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0326

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NW
Section:	31
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.26904
Longitude:	-123.75265
WA state plane south (NAD 27, feet)	
East:	1,192,994
North:	722,612

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	Parker Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0231
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.3 miles north of the 3200/3300 junction.

Site Comments:

OHW = 1.4 meters.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☒ Steelhead
- ☐ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.00
Span/Toe Ratio	0.61

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	98.37
Slope (%)	4.50
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.15
Apron	No
Fill Depth (m)	28.00
Tidegate	No

Culvert Comments:

No plunge pool as stream riffles at downstream end.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0327

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SW
Section: 30
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27193
Longitude: -123.75242
WA state plane south (NAD 27, feet)
East: 1,193,096
North: 723,661

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.55 miles north of the 3200/3300 junction.

Site Comments:

OHW = 0.4 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/3/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 1.60
WDIC (m): 0.02
Apron: No
Fill Depth (m): 20.00
Tidegate: No

Culvert Comments:

Road is failing of downstream side. Culvert extension has broken off, no plunge pool or toe measurements due to abundant LWD and subsurface flows around pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0328

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SE
Section: 30
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27224
Longitude: -123.75121
WA state plane south (NAD 27, feet)
East: 1,193,399
North: 723,762

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Parker Cr 22.0231
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.65 miles north of the 3200/3300 junction.

Site Comments:

Perennial growth throughout downstream channel.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m):
Rise (m):
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0329

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SE
Section:	30
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.27516
Longitude:	-123.74510
WA state plane south (NAD 27, feet)	
East:	1,194,958
North:	724,763

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0234
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.1 miles north of the 3200/3310 junction.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☒ Steelhead
- ☐ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

Site Comments:

Upstream is large pond.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	2.80
OHW (m)	2.40
Max Depth (m)	0.55

CHANNEL DESCRIPTION

Toe Width (m)	0.55
Span/Toe Ratio	1.44

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.79
Rise (m)	0.79
Length (m)	46.43
Slope (%)	4.00
Bed Material	No
Outfall Drop (m)	1.55
WDIC (m)	0.14
Apron	No
Fill Depth (m)	9.00
Tidegate	No

Culvert Comments:

Stream flows subsurface 40 meters downstream of pipe. Upstream beaver dam built at mouth of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0330

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NE
Section:	30
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.27849
Longitude:	-123.74346
WA state plane south (NAD 27, feet)	
East:	1,195,417
North:	725,962

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.35 miles north of the 3200/3310 junction.

Site Comments:

OHW = 0.9 meters.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☒ Steelhead
- ☐ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	1.25
OHW (m)	0.85
Max Depth (m)	0.32

CHANNEL DESCRIPTION

Toe Width (m)	0.90
Span/Toe Ratio	0.69

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.62
Rise (m)	0.68
Length (m)	70.48
Slope (%)	9.30
Bed Material	No
Outfall Drop (m)	0.22
WDIC (m)	0.03
Apron	No
Fill Depth (m)	27.00
Tidegate	No

Culvert Comments:

Large hole in pipe 5 meters from downstream end.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0331

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NE
Section: 30
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.28190
Longitude: -123.74235
WA state plane south (NAD 27, feet)
East: 1,195,743
North: 727,191

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0234
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.6 miles north of the 3200/3310 junction.

Site Comments:

OHW = 1.1 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/3/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.80
OHW (m): 1.55
Max Depth (m): 0.35

CHANNEL DESCRIPTION

Toe Width (m): 0.95
Span/Toe Ratio: 0.65

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.62
Rise (m): 0.62
Length (m): 36.95
Slope (%): 10.39
Bed Material: No
Outfall Drop (m): 0.90
WDIC (m): 0.03
Apron: No
Fill Depth (m): 12.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0332

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	NE
Section:	30
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.28282
Longitude:	-123.74127
WA state plane south (NAD 27, feet)	
East:	1,196,024
North:	727,518

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0234
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.65 miles north of the 3200/3310 junction.

Site Comments:

OHW = 1.6 meters.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☒ Steelhead
- ☐ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	No
Passability (%)	100
Method	LA
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.50
Span/Toe Ratio	1.18

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.77
Rise (m)	1.75
Length (m)	31.10
Slope (%)	2.90
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.15
Apron	No
Fill Depth (m)	8.00
Tidegate	No

Culvert Comments:

No plunge pool as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0333

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: NW
Section: 29
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.28465
Longitude: -123.73545
WA state plane south (NAD 27, feet)
East: 1,197,494
North: 728,125

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.05 miles north of the 3200/3310 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/3/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio: 0.69

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.90
WDIC (m): 0.02
Apron: No
Fill Depth (m): 9.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0334

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3200
County: Grays Harbor
1/4 Section: SW
Section: 20
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.28925
Longitude: -123.73303
WA state plane south (NAD 27, feet)
East: 1,198,163
North: 729,778

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.4 miles north of the 3200/3310 junction.

Site Comments:

OHW = 0.3 meters. Stream dry at time of sample.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/3/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.30
Span/Toe Ratio: 2.53

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.76
Rise (m): 0.76
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.00
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0335

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3289
County: Grays Harbor
1/4 Section: SW
Section: 20
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.29284
Longitude: -123.73074
WA state plane south (NAD 27, feet)
East: 1,198,784
North: 731,061

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles north of the 3200/3289 junction.

Site Comments:

OHW = 0.55 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/3/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.95

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.46
Rise (m): 0.46
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m):
Apron: No
Fill Depth (m): 3.50
Tidegate: No

Culvert Comments:

Steep gradient downstream. Outfall is onto large pile of rip rap, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0336

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3289
County:	Grays Harbor
1/4 Section:	NW
Section:	20
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.29700
Longitude:	-123.73451
WA state plane south (NAD 27, feet)	
East:	1,197,913
North:	732,614

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0235
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.7 miles northwest of the 3200/3289 junction.

Site Comments:

OHW = 0.6 meters. Series of cascades downstream.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.93
Rise (m)	0.93
Length (m)	35.26
Slope (%)	9.06
Bed Material	No
Outfall Drop (m)	0.43
WDIC (m)	0.02
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

High gradient slide at downstream end of pipe, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0337

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3289
County:	Grays Harbor
1/4 Section:	NW
Section:	20
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.29692
Longitude:	-123.73633
WA state plane south (NAD 27, feet)	
East:	1,197,459
North:	732,607

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0235
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.8 miles northwest of the 3200/3289 junction.

Site Comments:

OHW = 1.4 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	3.85
OHW (m)	4.55
Max Depth (m)	0.90

CHANNEL DESCRIPTION

Toe Width (m)	1.20
Span/Toe Ratio	0.52

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.63
Rise (m)	0.63
Length (m)	31.47
Slope (%)	6.60
Bed Material	No
Outfall Drop (m)	2.05
WDIC (m)	0.06
Apron	No
Fill Depth (m)	6.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0338

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3200
County:	Grays Harbor
1/4 Section:	SE
Section:	20
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.28656
Longitude:	-123.73594
WA state plane south (NAD 27, feet)	
East:	1,197,401
North:	728,824

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.2 miles north of the 3200/3310 junction.

Site Comments:

OHW = 0.3 meters.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☐ Steelhead
- ☐ Sea Run Cutthroat
- ☐ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/3/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.20
WDIC (m)	0.02
Apron	No
Fill Depth (m)	5.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0339

Fish Use: Unk

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: B Street
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99155
Longitude: -123.81305
WA state plane south (NAD 27, feet)
East: 1,173,764
North: 622,115

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Stewart Cr 22.0192
WRIA: 22.0000
Fish Use: Unk
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.1 miles south of B St/Wishkah Rd junction.

Site Comments:

Confluence with Stewart Creek immediately downstream.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☒ Chum
☒ Chinook
☒ Coho
☒ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5:04:00 AM
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio: 1.36

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.61
Rise (m): 0.61
Length (m): 23.85
Slope (%): -0.34
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Level B not applicable due to tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0340

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: B Street
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 19N
Range: 07W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.99075
Longitude: -123.81292
WA state plane south (NAD 27, feet)
East: 1,173,784
North: 621,822

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Stewart Cr 22.0192
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles south of B St/Wishkah Rd junction.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/4/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.64
Span/Toe Ratio: 0.95

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.61
Rise (m): 0.61
Length (m): 23.68
Slope (%): 0.80
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.13
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

No plunge pool as outfall is onto pile of riprap. Upstream section of pipe broken off creating grade break. Level B not applicable due to wetland influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0341

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4209
County:	Grays Harbor
1/4 Section:	SW
Section:	29
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.18628
Longitude:	-123.70701
WA state plane south (NAD 27, feet)	
East:	1,203,090
North:	691,986

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Big Cr 22.0225
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 0.6 miles east of the 4209/Wishkah Rd junction.

Site Comments:

Survey stake at site reads "4209, #4455, 0.578".

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Port Blakely Tree Farms
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/4/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	14.20
OHW (m)	6.23
Max Depth (m)	1.76

CHANNEL DESCRIPTION

Toe Width (m)	1.34
Span/Toe Ratio	0.93

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.24
Rise (m)	1.24
Length (m)	12.26
Slope (%)	2.50
Bed Material	No
Outfall Drop (m)	0.35
WDIC (m)	0.13
Apron	No
Fill Depth (m)	3.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0342

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4209.9
County: Grays Harbor
1/4 Section: SW
Section: 29
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19010
Longitude: -123.69872
WA state plane south (NAD 27, feet)
East: 1,205,206
North: 693,296

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Big Cr 22.0225
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.3 miles northeast of the 4209/4209.9 junction.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Port Blakely Tree Farms
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 5/4/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.90
OHW (m): 2.02
Max Depth (m): 0.25

CHANNEL DESCRIPTION

Toe Width (m): 0.87
Span/Toe Ratio: 2.24

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.95
Rise (m): 1.57
Length (m): 12.47
Slope (%): 0.62
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.21
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Evidence of old beaver dams upstream and downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0343

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4209.58
County:	Grays Harbor
1/4 Section:	NE
Section:	29
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19092
Longitude:	-123.69627
WA state plane south (NAD 27, feet)	
East:	1,205,825
North:	693,569

EVALUATION LEVEL COMPLETED

<input checked="" type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0226
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.5 miles northeast of the 4209/4209.9 junction.

Site Comments:

Perennial growth throughout channel, OHW < 0.6 meters. Survey stake at site reads "4209.58, #4458, 0.070".

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Port Blakely Tree Farms
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/4/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	3.00
OHW (m)	2.95
Max Depth (m)	0.64

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PVC
Span (m)	0.41
Rise (m)	0.41
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.13
WDIC (m)	0.05
Apron	No
Fill Depth (m)	2.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0344

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	A-line
County:	Grays Harbor
1/4 Section:	SW
Section:	29
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01131
Longitude:	-123.83277
WA state plane south (NAD 27, feet)	
East:	1,169,150
North:	629,521

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Berry Cr 22.0194
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.0 miles west of A-line/ Wishkah Rd junction.

Site Comments:

Gradient barrier.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☐ Steelhead
- ☐ Sea Run Cutthroat
- ☐ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	Weyerhaeuser Company
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	5/4/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.64
Rise (m)	0.64
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.58
WDIC (m)	0.01
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:

Outfall is onto riprap pile, then flows down steep grade to valley bottom. No plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0345

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	A-line
County:	Grays Harbor
1/4 Section:	SW
Section:	29
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01300
Longitude:	-123.83241
WA state plane south (NAD 27, feet)	
East:	1,169,266
North:	630,135

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Berry Cr 22.0194
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.1 miles west of the A-line/Wishkah Rd junction.

Site Comments:

OHW = 0.55 meters. Downstream side of road beginning to fail/washout, has buried downstream end of pipe.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☐ Steelhead
- ☐ Sea Run Cutthroat
- ☐ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	Weyerhaeuser Company
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/26/2004
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.29
Span/Toe Ratio	1.28

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.37
Rise (m)	0.37
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	
WDIC (m)	0.02
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0346

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	A-line
County:	Grays Harbor
1/4 Section:	SW
Section:	29
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.01394
Longitude:	-123.83264
WA state plane south (NAD 27, feet)	
East:	1,169,224
North:	630,478

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Berry Cr
Tributary To:	Stewart Cr 22.0192
WRIA:	22.0194
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 1.20 miles west of the A-line/Wishkah Rd junction.

Site Comments:

OHW = 2.0 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Weyerhaeuser Company
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/26/2004
Field Crew:	Glore/Blatt
Barrier	No
Passability (%)	100
Method	LB
Repair Status	OK
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.45
OHW (m)	2.15
Max Depth (m)	0.27

CHANNEL DESCRIPTION

Toe Width (m)	1.09
Span/Toe Ratio	1.39

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.52
Rise (m)	1.52
Length (m)	10.95
Slope (%)	0.97
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.09
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Cobble and riprap placed in stream downstream of culvert. Level B analysis indicates culvert is 100% passable.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0347

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-line
County: Grays Harbor
1/4 Section: SW
Section: 29
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01568
Longitude: -123.83471
WA state plane south (NAD 27, feet)
East: 1,168,735
North: 631,137

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Berry Cr 22.0194
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.35 miles west of the A-line/Wishkah Rd junction.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Weyerhaeuser Company
Type: Private

Site Comments:

Two small streams join together at upstream end of culvert. Both upstream OHW's are less than 0.6 meters.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/26/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.25
Span/Toe Ratio: 1.72

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.43
Rise (m): 0.43
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.19
WDIC (m): 0.00
Apron: No
Fill Depth (m): 7.50
Tidegate: No

Culvert Comments:

10 meter extension on downstream end of pipe. Extension has sharp horizontal bend in it.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0348

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: A-line
County: Grays Harbor
1/4 Section: NW
Section: 29
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01693
Longitude: -123.83627
WA state plane south (NAD 27, feet)
East: 1,168,365
North: 631,609

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Berry Cr 22.0194
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.5 miles northwest of the A-line/Wishkah Rd junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Weyerhaeuser Company
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/26/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.35
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m):
Rise (m):
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m):
Apron: No
Fill Depth (m): 2.50
Tidegate: No

Culvert Comments:

Pipe partially buried on downstream end, deformed on upstream end. Debris and subsurface flows obscure plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0349

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Private Rd
County:	Grays Harbor
1/4 Section:	NW
Section:	14
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.05160
Longitude:	-123.77014
WA state plane south (NAD 27, feet)	
East:	1,185,370
North:	643,552

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 35 meters northwest of Tietge logging road/Aberdeen Gardens Rd junction, approximately 20 meters upstream of 127W0034.

Site Comments:

Old buried culvert visible downstream. OHW = 0.7 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input checked="" type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Edith Tietge
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	8/23/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	0
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.65
Span/Toe Ratio	0.71

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.46
Rise (m)	0.46
Length (m)	9.86
Slope (%)	7.10
Bed Material	No
Outfall Drop (m)	2.50
WDIC (m)	0.02
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Outfall is onto old pipe preventing formation of plunge pool. Old pipe is completely filled with substrate and passing no water.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0350

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: B-line
County: Grays Harbor
1/4 Section: NW
Section: 22
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.03212
Longitude: -123.79718
WA state plane south (NAD 27, feet)
East: 1,178,337
North: 636,731

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 1.6 miles north of the B-line/B-2320 junction.

Site Comments:

Wetlands upstream and downstream.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☒ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Stout Family Limited Partner
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 10/18/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LBNA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.07
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Unable to locate upstream end of culvert to complete level A evaluation. Water is close to running over road due to beaver influence at upstream ends of both culverts. Site 1.2 is on left bank. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0350

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	1.24
Rise (m)	1.15
Length (m)	11.63
Slope (%)	3.00
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.62
Apron	No
Fill Depth (m)	1.80
Tidegate	No

Culvert Comments:

Wetlands prevent accurate toe and plunge pool measurement. Pipe 2.2 is on right bank. Level B not applicable due to lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0351

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4205 line
County: Grays Harbor
1/4 Section: SE
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15928
Longitude: -123.74176
WA state plane south (NAD 27, feet)
East: 1,194,051
North: 682,500

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.35 miles east of the 4205/Wishkah Rd junction.

Site Comments:

OHW = 1.15 meters.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☒ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 10/25/2004
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.40
OHW (m): 0.90
Max Depth (m): 0.40

CHANNEL DESCRIPTION

Toe Width (m): 0.95
Span/Toe Ratio: 0.98

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.93
Rise (m): 0.93
Length (m): 18.35
Slope (%): 10.25
Bed Material: No
Outfall Drop (m): 0.37
WDIC (m): 0.07
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:

Survey stake reads "4205, #4552, 0.355".



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0352

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 4205 line
County: Grays Harbor
1/4 Section: SE
Section: 1
Township: 19N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.15926
Longitude: -123.73564
WA state plane south (NAD 27, feet)
East: 1,195,573
North: 682,430

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.70 miles east of the 4205/Wishkah Rd junction.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☒ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 10/25/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 7.50
OHW (m): 3.20
Max Depth (m): 0.65

CHANNEL DESCRIPTION

Toe Width (m): 1.65
Span/Toe Ratio: 1.52

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 2.51
Rise (m): 2.51
Length (m): 8.67
Slope (%): 2.18
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.45
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Recently replaced culvert, rock controls upstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0353

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Gas Line Access Rd
County: Grays Harbor
1/4 Section: NW
Section: 26
Township: 18N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.01895
Longitude: -123.76871
WA state plane south (NAD 27, feet)
East: 1,185,232
North: 631,638

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: Bear Cr
Tributary To: Wishkah R 22.0191
WRIA: 22.0196
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.35 miles east of the 4205/Wishkah Rd junction.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: ayonier Timberlands Oprtg C
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/22/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 1.10
Span/Toe Ratio: 0.55

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: CAL
Span (m): 0.61
Rise (m): 0.61
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.02
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Unable to complete level A, upstream end buried beneath large beaver dam.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0353

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CAL
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.10
WDIC (m)	0.02
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Wetlands upstream and downstream, no plunge pool. Water flowing around (not through) culvert due to large beaver dam on upstream end. Unable to complete level A - no access to upstream end.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0354

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19819
Longitude: -123.71835
WA state plane south (NAD 27, feet)
East: 1,200,448
North: 696,441

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.1 miles north of 3260/3300.9 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: TJ Spradlin Inc
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/25/2004
Field Crew: Glore/Haque
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.45
Span/Toe Ratio: 1.25

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.60
Rise (m): 0.60
Length (m):
Slope (%):
Bed Material: Unk
Outfall Drop (m): 0.00
WDIC (m): 0.11
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

No plunge pool or outfall drop as stream riffles at downstream end of pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0355

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19666
Longitude: -123.72096
WA state plane south (NAD 27, feet)
East: 1,199,777
North: 695,910

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.2 miles southeast of 3303.9/3260 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: TJ Spradlin Inc.
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/30/2004
Field Crew: Glore/Haque
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.35
OHW (m): 0.85
Max Depth (m): 0.18

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 1.08

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.54
Rise (m): 0.55
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.04
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0356

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: SE
Section: 19
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19606
Longitude: -123.72102
WA state plane south (NAD 27, feet)
East: 1,199,755
North: 695,692

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.25 miles southeast of 3303.9/3260 junction.

Site Comments:

OHW = 0.35 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: JT Spradlin Inc.
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/30/2004
Field Crew: Glore/Haque
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 0.65
OHW (m): 0.40
Max Depth (m): 0.10

CHANNEL DESCRIPTION

Toe Width (m): 0.30
Span/Toe Ratio: 1.23

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.37
Rise (m): 0.42
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.15
WDIC (m): 0.02
Apron: No
Fill Depth (m): 4.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0357

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: NE
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19441
Longitude: -123.72346
WA state plane south (NAD 27, feet)
East: 1,199,124
North: 695,117

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.45 miles southeast of 3303.9/3260 junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: TJ Spradlin Inc.
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/30/2004
Field Crew: Glore/Haque
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 0.25
OHW (m): 0.85
Max Depth (m): 0.15

CHANNEL DESCRIPTION

Toe Width (m): 0.80
Span/Toe Ratio: 0.81

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.65
Rise (m): 0.64
Length (m): 18.60
Slope (%): 5.40
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.06
Apron: No
Fill Depth (m): 3.50
Tidegate: No

Culvert Comments:

Rip rap placed at downstream end of culvert creating cascades and small plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0358

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	3260
County:	Grays Harbor
1/4 Section:	NE
Section:	30
Township:	20N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.19383
Longitude:	-123.72504
WA state plane south (NAD 27, feet)	
East:	1,198,722
North:	694,920

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.55 miles southeast of 3303.9/3260 junction.

Site Comments:

OHW = 0.45 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	TJ Spradlin Inc.
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	11/30/2004
Field Crew:	Glore/Haque
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.45
Span/Toe Ratio	1.36

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	1.55
WDIC (m)	0.02
Apron	No
Fill Depth (m)	4.00
Tidegate	No

Culvert Comments:

No plunge pool, stream outfall flows onto rip rap.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0359

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 3260
County: Grays Harbor
1/4 Section: NW
Section: 30
Township: 20N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.19305
Longitude: -123.72683
WA state plane south (NAD 27, feet)
East: 1,198,267
North: 694,656

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.65 miles southeast of the 3303.9/3260 junction

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☒ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: TJ Spradlin Inc
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 11/30/2004
Field Crew: Glore/Haque
Barrier: Yes
Passability (%): 67
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.40
OHW (m): 0.70
Max Depth (m): 0.15

CHANNEL DESCRIPTION

Toe Width (m): 0.55
Span/Toe Ratio: 0.78

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.61
Rise (m): 0.61
Length (m): 21.94
Slope (%): 6.20
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 6.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0360

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	4103
County:	Grays Harbor
1/4 Section:	NE
Section:	23
Township:	18N
Range:	09W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.03561
Longitude:	-123.76508
WA state plane south (NAD 27, feet)	
East:	1,186,389
North:	637,670

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Bear Cr 22.0196
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 20 meters west of the 4103/4103.2 junction.

Site Comments:

Upstream has standing water, downstream channel is more defined. OHW = 0.5 meters. Marker at site. (4103 #4517 1.086)

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☐ Steelhead
- ☐ Sea Run Cutthroat
- ☐ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	ayonier Timberlands Oprtg C
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	12/20/2004
Field Crew:	Blatt/Lutz
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.37
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

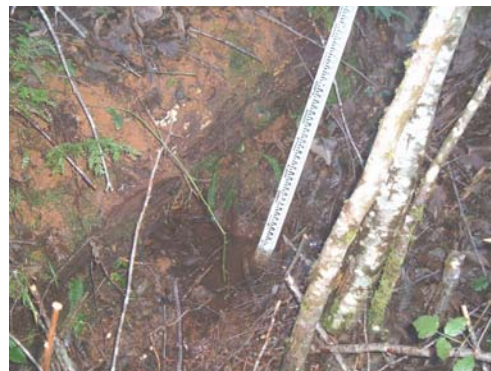
Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	
Material	
Span (m)	
Rise (m)	
Length (m)	
Slope (%)	
Bed Material	
Outfall Drop (m)	
WDIC (m)	
Apron	No
Fill Depth (m)	7.00
Tidegate	No

Culvert Comments:

Water is passing under road. Evidence of rusted out pipe downstream, but unable to locate either end of culvert. Most likely pipe has rusted off ends and is passing some water.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0361

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Cherry St
County:	Grays Harbor
1/4 Section:	NE
Section:	7
Township:	19N
Range:	07W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.97703
Longitude:	-123.85022
WA state plane south (NAD 27, feet)	
East:	1,164,271
North:	617,215

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Fry Cr
Tributary To:	Chehalis R 22.0191
WRIA:	22.0188
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 100 meters west of the Oak St/Cherry St intersection.

Site Comments:

Debris gate at upstream end.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/15/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	2.65
Span/Toe Ratio	0.70

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.2
Shape	RND
Material	CST
Span (m)	1.86
Rise (m)	1.86
Length (m)	13.60
Slope (%)	0.60
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.30
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence, no defined plunge pool or downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0361

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	1.84
Rise (m)	1.84
Length (m)	
Slope (%)	
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.33
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Level B not applicable due to tidal influence, no plunge pool or downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0362

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Ash St
County:	Grays Harbor
1/4 Section:	NE
Section:	7
Township:	19N
Range:	07W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.98030
Longitude:	-123.85034
WA state plane south (NAD 27, feet)	
East:	1,164,290
North:	618,407

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Fry Creek 22.0188
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 20 meters north of the Kaufman St/Ash St intersection.

Site Comments:

OHW = 0.7 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/15/2004
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.70
Span/Toe Ratio	1.84

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	SQSH
Material	CAL
Span (m)	1.29
Rise (m)	0.83
Length (m)	12.49
Slope (%)	1.70
Bed Material	No
Outfall Drop (m)	0.30
WDIC (m)	0.02
Apron	No
Fill Depth (m)	0.80
Tidegate	No

Culvert Comments:

Channel excavated, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0363

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Simpson Ave
County:	Grays Harbor
1/4 Section:	NE
Section:	7
Township:	19N
Range:	07W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.97519
Longitude:	-123.85047
WA state plane south (NAD 27, feet)	
East:	1,164,179
North:	616,547

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	Fry Cr
Tributary To:	Chehalis R 22.0190
WRIA:	22.0188
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 30 meters west of the Ash St/Simpson Ave intersection.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☒ Coho
- ☐ Steelhead
- ☒ Sea Run Cutthroat
- ☒ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/15/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	BOX
Material	PCC
Span (m)	2.85
Rise (m)	1.45
Length (m)	138.17
Slope (%)	0.38
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.85
Apron	No
Fill Depth (m)	0.60
Tidegate	No

Culvert Comments:

Channel straightened and tidally influenced, no plunge pool. Level B not applicable due to lack of downstream control. Possible grade break as two round precast concrete pipes merge into single box culvert beneath road bed.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0364

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is approximately 40 meters west of Aberdeen St/Ash St junction.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name:
Type:

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m)
Rearing (sq m)

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material:
Outfall Drop (m)
WDIC (m)
Apron:
Fill Depth (m)
Tidegate:

Culvert Comments:

Stream channel highly modified, straightened, and tidally influenced. No plunge pool. Sediment in bottom of pipe prevents accurate rise measurement of culvert. Level B not applicable due to tidal influence and lack of downstream control.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0365

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	Pacific Ave
County:	Grays Harbor
1/4 Section:	SE
Section:	7
Township:	19N
Range:	07W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	46.97325
Longitude:	-123.85040
WA state plane south (NAD 27, feet)	
East:	1,164,166
North:	615,839

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	Fry Cr
Tributary To:	Chehalis R 22.0190
WRIA:	22.0188
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 125 meters west of the Oak St/Pacific Ave intersection.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input checked="" type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	Aberdeen
Type:	City

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	7/15/2004
Field Crew:	Glore/Blatt
Barrier	Unk
Passability (%)	
Method	LBNA
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	
Span/Toe Ratio	

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	BOX
Material	PCC
Span (m)	2.53
Rise (m)	1.56
Length (m)	18.67
Slope (%)	0.33
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	1.05
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

Channel highly modified, straightened, and tidally influenced. No plunge pool. Level B not applicable due to lack of downstream control and tidal influence.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0366

Fish Use: Yes

PI:

Barrier: No

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Railroad grade
County: Grays Harbor
1/4 Section: SE
Section: 7
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.97143
Longitude: -123.85050
WA state plane south (NAD 27, feet)
East: 1,164,115
North: 615,179

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: Fry Cr
Tributary To: Chehalis R 22.0190
WRIA: 22.0188
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 125 meters east of the Myrtle St/railroad grade junction.

Site Comments:

Trash and debris choke upstream end of pipe.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/15/2004
Field Crew: Glore/Blatt
Barrier: No
Passability (%): 100
Method: LA
Repair Status: OK
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 2.75
Span/Toe Ratio: 1.75

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.3
Shape: RND
Material: CST
Span (m): 1.80
Rise (m): 1.80
Length (m): 27.08
Slope (%): 0.50
Bed Material: Yes
Outfall Drop (m): 0.00
WDIC (m): 0.00
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:

Culvert is tidally influenced, no plunge pool.
Culvert 1.3 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0366

Fish Use: Yes

PI:

Barrier: No

CULVERT DESCRIPTION

Sequencer:	2.3
Shape	RND
Material	CST
Span (m)	1.80
Rise (m)	1.80
Length (m)	27.12
Slope (%)	0.45
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.12
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Culvert is tidally influenced, no plunge pool.
Culvert 2.3 is the center pipe.



CULVERT DESCRIPTION

Sequencer:	3.3
Shape	BOX
Material	PCC
Span (m)	1.20
Rise (m)	1.20
Length (m)	24.87
Slope (%)	0.80
Bed Material	Yes
Outfall Drop (m)	0.00
WDIC (m)	0.30
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:

Culvert is tidally influenced, no plunge pool.
Culvert 3.3 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0367

Fish Use:

Yes

PI:

Barrier:

Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Industrial Rd
County: Grays Harbor
1/4 Section: SW
Section: 7
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.96953
Longitude: -123.85125
WA state plane south (NAD 27, feet)
East: 1,163,898
North: 614,495

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: Fry Cr
Tributary To: Chehalis R 22.0190
WRIA: 22.0188
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 100 meters east of Myrtle St/Industrial Rd intersection.

Site Comments:

Pipes 1.3 and 3.3 act as fish passage, 2.3 diverts water to pump house located over upstream end of all 3 pipes.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.3
Shape: RND
Material: CST
Span (m): 1.85
Rise (m): 1.85
Length (m):
Slope (%):
Bed Material: Unk
Outfall Drop (m): 0.00
WDIC (m): 1.60
Apron: No
Fill Depth (m): 2.00
Tidegate: Yes

Culvert Comments:

Tidally influenced, no plunge pool. Can not complete Level A due to pump house over upstream ends of pipes. Pipe 1.3 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0367

Fish Use: Yes

PI:

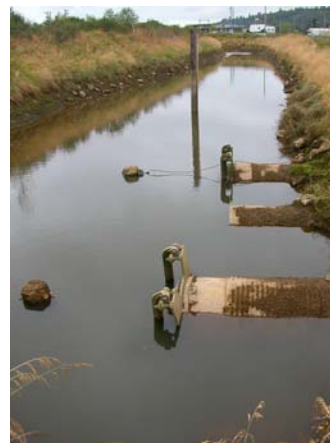
Barrier: Unk

CULVERT DESCRIPTION

Sequencer:	2.3
Shape	RND
Material	CST
Span (m)	1.85
Rise (m)	1.85
Length (m)	
Slope (%)	
Bed Material	Unk
Outfall Drop (m)	0.00
WDIC (m)	1.60
Apron	No
Fill Depth (m)	2.00
Tidegate	Yes

Culvert Comments:

Tidally influenced, no plunge pool. Can not complete Level A due to pump house over upstream ends of pipes. Pipe 2.3 is center culvert.



CULVERT DESCRIPTION

Sequencer:	3.3
Shape	RND
Material	CST
Span (m)	1.85
Rise (m)	1.85
Length (m)	
Slope (%)	
Bed Material	Unk
Outfall Drop (m)	0.00
WDIC (m)	1.60
Apron	No
Fill Depth (m)	2.00
Tidegate	Yes

Culvert Comments:

Tidally influenced, no plunge pool. Can not complete Level A due to pump house over upstream ends of pipes. Pipe 3.3 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0368

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Canyon Ct
County: Grays Harbor
1/4 Section: NW
Section: 8
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.97887
Longitude: -123.83171
WA state plane south (NAD 27, feet)
East: 1,168,914
North: 617,690

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Chehalis R 22.0190
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is located at the northern end of the Canyon Ct loop.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

Site Comments:

Spillway covered with wooden decking on upstream end of structure. Concrete channel downstream.

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: LA
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: PCC
Span (m): 0.75
Rise (m): 0.75
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.04
Apron: No
Fill Depth (m): 0.50
Tidegate: No

Culvert Comments:

Unable to complete Level A due to decking over culvert, no access to pipe. Culvert 1.2 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0368

Fish Use:

Yes

PI:

Barrier:

Unk

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	PCC
Span (m)	0.75
Rise (m)	0.75
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	
WDIC (m)	
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:

Unable to complete Level A due to decking over culvert, no access to pipe. Culvert 2.2 is on right bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0369

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name:
County:
1/4 Section:
Section:
Township:
Range:

POSITIONAL DATA

WGS 84, decimal degrees
Latitude:
Longitude:
WA state plane south (NAD 27, feet)
East:
North:

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream:
Tributary To:
WRIA:
Fish Use:
FUP Criteria:

Location / Directions:

Water crossing is located beneath the Canyon Ct/W 5th St junction.

Site Comments:

Stream enters city storm water system at downstream end.

SPECIES POTENTIAL

- ☐ Sockeye ☒ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☒ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name:
Type:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:
Field Crew:
Barrier:
Passability (%)
Method:
Repair Status
Problem

PLUNGE POOL DESCRIPTION

Length (m)
OHW (m)
Max Depth (m)

CHANNEL DESCRIPTION

Toe Width (m)
Span/Toe Ratio

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m)
Rearing (sq m)

CULVERT DESCRIPTION

Sequencer:
Shape:
Material:
Span (m)
Rise (m)
Length (m)
Slope (%)
Bed Material
Outfall Drop (m)
WDIC (m)
Apron
Fill Depth (m)
Tidegate

Culvert Comments:

Debris rack on upstream end prevents access to pipes, downstream end appears to drain to city storm water system. Unable to complete Level A.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0370

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Alden Rd
County: Grays Harbor
1/4 Section: SE
Section: 5
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.98330
Longitude: -123.82998
WA state plane south (NAD 27, feet)
East: 1,169,416
North: 619,288

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Chehalis R 22.0190
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 200 meters northwest of the Alden Rd/N L St junction.

Site Comments:

Stream drains to city storm water system, no downstream channel.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.64
Rise (m): 0.64
Length (m):
Slope (%):
Bed Material:
Outfall Drop (m):
WDIC (m):
Apron:
Fill Depth (m):
Tidegate:

Culvert Comments:

No downstream channel, measurements taken upstream. Culvert drains into city storm water system.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0371

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: N B St
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.98814
Longitude: -123.81418
WA state plane south (NAD 27, feet)
East: 1,173,428
North: 620,883

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 15 meters north of the B St/5th Ave intersection.

Site Comments:

Decking over downstream end prevents access for slope and length calculations. Landowner reports returning adult salmon unsuccessfully trying to pass through culvert.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: SQSH
Material: CST
Span (m): 0.96
Rise (m): 0.75
Length (m):
Slope (%):
Bed Material: Unk
Outfall Drop (m): 0.00
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Additional culvert 3 meters downstream.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0372

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: River access Rd
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.98831
Longitude: -123.81362
WA state plane south (NAD 27, feet)
East: 1,173,570
North: 620,942

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 50 meters east of the Alden Rd/5th Ave intersection behind residence at 1700 N B St.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.91
Rise (m): 0.91
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.05
WDIC (m): 0.00
Apron: No
Fill Depth (m):
Tidegate: No

Culvert Comments:

Unable to complete Level A due to limited access to pipe.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0373

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: River access Rd
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.98823
Longitude: -123.81343
WA state plane south (NAD 27, feet)
East: 1,173,617
North: 620,911

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 50 meters east of the Alden Rd/5th Ave intersection behind residence at 1700 N B St.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☒ Coho
☐ Steelhead
☒ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2005
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PCC
Span (m): 0.91
Rise (m): 0.91
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.02
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Unable to complete level A due to limited access to pipe for laser shots.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0374

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: Private Dr
County: Grays Harbor
1/4 Section: NW
Section: 4
Township: 17N
Range: 09W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 46.98807
Longitude: -123.81910
WA state plane south (NAD 27, feet)
East: 1,172,200
North: 620,910

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is located beneath private drive for residence @ 419 5th St.

Site Comments:

Abundant trash and debris around site, downstream end flows into city storm water system, upstream OHW < 0.6 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 7/19/2004
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m):
Span/Toe Ratio:

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.91
Rise (m): 0.91
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.20
WDIC (m): 0.01
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0375

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7425
County: Grays Harbor
1/4 Section: SW
Section: 34
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.25816
Longitude: -123.68664
WA state plane south (NAD 27, feet)
East: 1,209,208
North: 717,976

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Cedar Cr 22.0229
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.6 miles west of the 7425/7400 junction.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.60

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: PVC
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.10
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0376

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7425
County:	Grays Harbor
1/4 Section:	SW
Section:	34
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25906
Longitude:	-123.69105
WA state plane south (NAD 27, feet)	
East:	1,208,129
North:	718,351

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Cedar Cr 22.0229
WRIA:	22.0000
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.85 miles west of the 7425/7400 junction.

Site Comments:

OHW = 0.4 meters, perennial vegetation throughout channel.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	0.65
OHW (m)	0.40
Max Depth (m)	0.00

CHANNEL DESCRIPTION

Toe Width (m)	0.35
Span/Toe Ratio	1.30

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	PCC
Span (m)	0.47
Rise (m)	0.47
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.70
WDIC (m)	0.00
Apron	No
Fill Depth (m)	2.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0377

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7425
County:	Grays Harbor
1/4 Section:	SE
Section:	33
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25916
Longitude:	-123.70244
WA state plane south (NAD 27, feet)	
East:	1,205,303
North:	718,499

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
- ☒ Field Review
- ☐ Threshold Determination
- ☐ Expanded Threshold Determination
- ☐ Downstream Check
- ☐ Physical Survey

WATERBODY

Stream:	Cedar Cr
Tributary To:	Wishkah R 22.0191
WRIA:	22.0229
Fish Use:	No
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.4 miles north of the 7425/7425K junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

- ☐ Sockeye
- ☐ Pink
- ☐ Chum
- ☐ Chinook
- ☐ Coho
- ☐ Steelhead
- ☐ Sea Run Cutthroat
- ☐ Resident Trout
- ☐ Dolly/Bull Trout
- ☐ Brook Trout
- ☐ Brown Trout

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	
Passability (%)	
Method	
Repair Status	
Problem	

PLUNGE POOL DESCRIPTION

Length (m)	2.10
OHW (m)	1.00
Max Depth (m)	0.35

CHANNEL DESCRIPTION

Toe Width (m)	0.50
Span/Toe Ratio	1.22

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	0.61
Rise (m)	0.61
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.70
WDIC (m)	
Apron	No
Fill Depth (m)	0.75
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0378

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: NE
Section: 27
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.28309
Longitude: -123.67984
WA state plane south (NAD 27, feet)
East: 1,211,262
North: 726,995

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0233
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.2 miles east of the 7435/7400 junction.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.60
OHW (m): 1.90
Max Depth (m): 0.20

CHANNEL DESCRIPTION

Toe Width (m): 1.70
Span/Toe Ratio: 0.53

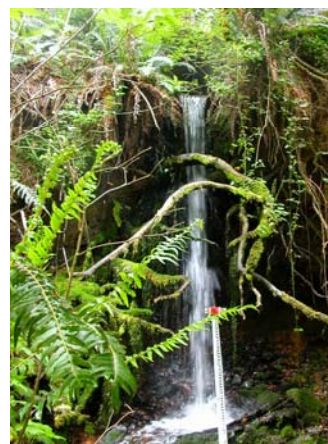
POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CAL
Span (m): 0.91
Rise (m): 0.91
Length (m): 17.73
Slope (%): 5.90
Bed Material: No
Outfall Drop (m): 4.15
WDIC (m): 0.04
Apron: No
Fill Depth (m): 2.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0379

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: NE
Section: 27
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.28290
Longitude: -123.68324
WA state plane south (NAD 27, feet)
East: 1,210,416
North: 726,961

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0233
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.4 miles west of the 7435/7400 junction.

Site Comments:

OHW = 1.0 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: en Diamond Resource Comp
Type: Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: slope

PLUNGE POOL DESCRIPTION

Length (m): 1.90
OHW (m): 1.55
Max Depth (m): 0.24

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 2.04

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 1.26
Rise (m): 1.26
Length (m): 24.36
Slope (%): 13.40
Bed Material: No
Outfall Drop (m): 0.00
WDIC (m): 0.17
Apron: No
Fill Depth (m): 5.00
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0380

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7435
County:	Grays Harbor
1/4 Section:	NW
Section:	27
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.27875
Longitude:	-123.69232
WA state plane south (NAD 27, feet)	
East:	1,208,103
North:	725,539

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Wishkah R 22.0191
WRIA:	22.0233
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 50 meters east of the 7435/7440 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input checked="" type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	5.10
OHW (m)	5.25
Max Depth (m)	0.85

CHANNEL DESCRIPTION

Toe Width (m)	1.40
Span/Toe Ratio	0.90

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CAL
Span (m)	1.26
Rise (m)	1.26
Length (m)	6.31
Slope (%)	4.80
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.07
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0381

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7435
County:	Grays Harbor
1/4 Section:	SW
Section:	27
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.27850
Longitude:	-123.69472
WA state plane south (NAD 27, feet)	
East:	1,207,505
North:	725,473

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0233
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Mapped

Location / Directions:

Water crossing is approximately 150 meters west of the 7435/7440 junction.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	1.55
Span/Toe Ratio	0.78

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	CST
Span (m)	1.22
Rise (m)	1.22
Length (m)	15.60
Slope (%)	11.10
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.04
Apron	No
Fill Depth (m)	2.50
Tidegate	No

Culvert Comments:

Riffle at downstream end, no plunge pool.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0382

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: SW
Section: 27
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27815
Longitude: -123.69569
WA state plane south (NAD 27, feet)
East: 1,207,258
North: 725,353

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0233
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.15 miles west of the 7435/7440 junction.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: en Diamond Resource Comp
Type: Private

Site Comments:

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.90
OHW (m): 1.00
Max Depth (m): 0.18

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CHANNEL DESCRIPTION

Toe Width (m): 0.50
Span/Toe Ratio: 0.62

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.31
Rise (m): 0.31
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.10
WDIC (m): 0.03
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:

Debris gate at upstream end of culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0383

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: SE
Section: 28
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27648
Longitude: -123.69925
WA state plane south (NAD 27, feet)
East: 1,206,351
North: 724,781

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0232
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.5 miles north of the Malonowski Dam parking lot/7435 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☐ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☐ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m): 1.80
OHW (m): 1.30
Max Depth (m): 0.30

CHANNEL DESCRIPTION

Toe Width (m): 0.30
Span/Toe Ratio: 2.60

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.79
Rise (m): 0.79
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.30
WDIC (m):
Apron: No
Fill Depth (m): 1.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0384

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: SE
Section: 28
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27709
Longitude: -123.70034
WA state plane south (NAD 27, feet)
East: 1,206,089
North: 725,013

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0232
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 1.4 miles north of Malonowski Dam parking lot/7435 junction.

Site Comments:

OHW = 0.65 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 0
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.55
Span/Toe Ratio: 0.47

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: SST
Span (m): 0.26
Rise (m): 0.26
Length (m): 10.20
Slope (%): 22.90
Bed Material: No
Outfall Drop (m): 0.24
WDIC (m): 0.01
Apron: No
Fill Depth (m): 1.00
Tidegate: No

Culvert Comments:

Culvert heavily rusted.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0385

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7435
County:	Grays Harbor
1/4 Section:	SE
Section:	28
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.27526
Longitude:	-123.70132
WA state plane south (NAD 27, feet)	
East:	1,205,820
North:	724,358

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	unnamed 22.0232
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 1.25 miles north of Malonowski Dam parking lot/7435 junction.

Site Comments:

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	Aberdeen
Type:	City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	33
Method	LA
Repair Status	UD
Problem	outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m)	3.35
OHW (m)	2.00
Max Depth (m)	0.10

CHANNEL DESCRIPTION

Toe Width (m)	1.40
Span/Toe Ratio	0.49

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.1
Shape	RND
Material	SST
Span (m)	0.69
Rise (m)	0.69
Length (m)	8.87
Slope (%)	8.70
Bed Material	No
Outfall Drop (m)	1.20
WDIC (m)	0.02
Apron	No
Fill Depth (m)	0.50
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0386

Fish Use: No

PI:

Barrier:

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: NE
Section: 33
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.27108
Longitude: -123.70233
WA state plane south (NAD 27, feet)
East: 1,205,508
North: 722,842

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: unnamed 22.0232
WRIA: 22.0000
Fish Use: No
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.9 miles north of Malonowski Dam parking lot/7435 junction.

Site Comments:

OHW = 0.5 meters.

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier:
Passability (%):
Method:
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.35
Span/Toe Ratio: 1.71

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.2
Shape: RND
Material: SST
Span (m): 0.30
Rise (m): 0.30
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m): 0.88
WDIC (m): 0.01
Apron: No
Fill Depth (m): 3.00
Tidegate: No

Culvert Comments:

Pipe 1.2 is on left bank.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0386

Fish Use: No

PI:

Barrier:

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	SST
Span (m)	0.30
Rise (m)	0.30
Length (m)	
Slope (%)	
Bed Material	No
Outfall Drop (m)	0.88
WDIC (m)	0.01
Apron	No
Fill Depth (m)	3.00
Tidegate	No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0387

Fish Use: Yes

PI:

Barrier: Unk

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: NW
Section: 33
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.26628
Longitude: -123.70892
WA state plane south (NAD 27, feet)
East: 1,203,801
North: 721,162

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah R 22.0191
WRIA: 22.0232
Fish Use: Yes
FUP Criteria: Mapped

Location / Directions:

Water crossing is approximately 0.4 miles north of Malonowski Dam parking lot/7435 junction.

Site Comments:

Log pile on downstream end of culvert limits access. OHW = 0.95 meters.

SPECIES POTENTIAL

- ☐ Sockeye
☐ Pink
☐ Chum
☐ Chinook
☐ Coho
☒ Steelhead
☐ Sea Run Cutthroat
☒ Resident Trout
☐ Dolly/Bull Trout
☐ Brook Trout
☐ Brown Trout

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier: Unk
Passability (%):
Method: OT
Repair Status:
Problem:

PLUNGE POOL DESCRIPTION

Length (m):
OHW (m):
Max Depth (m):

CHANNEL DESCRIPTION

Toe Width (m): 0.60
Span/Toe Ratio: 1.18

POTENTIAL HABITAT GAIN

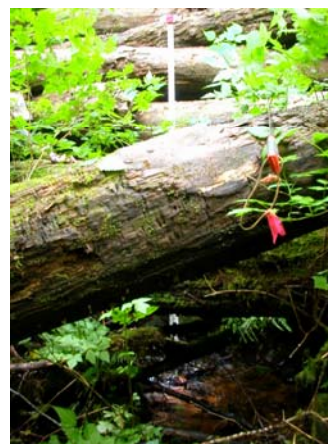
Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: SST
Span (m): 0.71
Rise (m): 0.71
Length (m):
Slope (%):
Bed Material: No
Outfall Drop (m):
WDIC (m): 0.02
Apron: No
Fill Depth (m): 3.50
Tidegate: No

Culvert Comments:

Unable to complete Level A due to log pile over downstream end of culvert, can only access upstream end.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0388

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name: 7435
County: Grays Harbor
1/4 Section: NW
Section: 33
Township: 21N
Range: 08W

POSITIONAL DATA

WGS 84, decimal degrees
Latitude: 47.26358
Longitude: -123.71169
WA state plane south (NAD 27, feet)
East: 1,203,074
North: 720,203

EVALUATION LEVEL COMPLETED

- ☐ Report Logged
☒ Field Review
☐ Threshold Determination
☐ Expanded Threshold Determination
☐ Downstream Check
☐ Physical Survey

WATERBODY

Stream: unnamed
Tributary To: Wishkah 22.0191
WRIA: 22.0000
Fish Use: Yes
FUP Criteria: Physical

Location / Directions:

Water crossing is approximately 0.2 miles north of Malonowski Dam parking lot/7435 junction.

Site Comments:

SPECIES POTENTIAL

- ☐ Sockeye ☐ Sea Run Cutthroat
☐ Pink ☒ Resident Trout
☐ Chum ☐ Dolly/Bull Trout
☐ Chinook ☐ Brook Trout
☐ Coho ☐ Brown Trout
☒ Steelhead

OWNER

Name: Aberdeen
Type: City

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date: 6/2/2005
Field Crew: Glore/Blatt
Barrier: Yes
Passability (%): 33
Method: LA
Repair Status: UD
Problem: outfall drop, slope

PLUNGE POOL DESCRIPTION

Length (m): 1.05
OHW (m): 1.90
Max Depth (m): 0.12

CHANNEL DESCRIPTION

Toe Width (m): 1.25
Span/Toe Ratio: 0.30

POTENTIAL HABITAT GAIN

Survey Type:
Length (m):
Spawning (sq m):
Rearing (sq m):

CULVERT DESCRIPTION

Sequencer: 1.1
Shape: RND
Material: CST
Span (m): 0.37
Rise (m): 0.37
Length (m): 24.84
Slope (%): 5.70
Bed Material: No
Outfall Drop (m): 0.56
WDIC (m): 0.01
Apron: No
Fill Depth (m): 6.50
Tidegate: No

Culvert Comments:



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0389

Fish Use: Yes

PI:

Barrier: Yes

SITE DESCRIPTION

GENERAL LOCATION

Road Name:	7425
County:	Grays Harbor
1/4 Section:	SE
Section:	34
Township:	21N
Range:	08W

POSITIONAL DATA

WGS 84, decimal degrees	
Latitude:	47.25810
Longitude:	-123.68347
WA state plane south (NAD 27, feet)	
East:	1,209,995
North:	717,923

EVALUATION LEVEL COMPLETED

<input type="checkbox"/>	Report Logged
<input checked="" type="checkbox"/>	Field Review
<input type="checkbox"/>	Threshold Determination
<input type="checkbox"/>	Expanded Threshold Determination
<input type="checkbox"/>	Downstream Check
<input type="checkbox"/>	Physical Survey

WATERBODY

Stream:	unnamed
Tributary To:	Cedar Cr 22.0229
WRIA:	22.0000
Fish Use:	Yes
FUP Criteria:	Physical

Location / Directions:

Water crossing is approximately 0.4 miles west of the 7400/7425 junction.

Site Comments:

OHW = 0.8 meters.

SPECIES POTENTIAL

<input type="checkbox"/>	Sockeye	<input type="checkbox"/>	Sea Run Cutthroat
<input type="checkbox"/>	Pink	<input checked="" type="checkbox"/>	Resident Trout
<input type="checkbox"/>	Chum	<input type="checkbox"/>	Dolly/Bull Trout
<input type="checkbox"/>	Chinook	<input type="checkbox"/>	Brook Trout
<input type="checkbox"/>	Coho	<input type="checkbox"/>	Brown Trout
<input checked="" type="checkbox"/>	Steelhead		

OWNER

Name:	en Diamond Resource Comp
Type:	Private

LEVEL A ANALYSIS

SUMMARY INFORMATION

Review Date:	6/2/2005
Field Crew:	Glore/Blatt
Barrier	Yes
Passability (%)	67
Method	LA
Repair Status	UD
Problem	slope

PLUNGE POOL DESCRIPTION

Length (m)	
OHW (m)	
Max Depth (m)	

CHANNEL DESCRIPTION

Toe Width (m)	0.60
Span/Toe Ratio	1.50

POTENTIAL HABITAT GAIN

Survey Type:	
Length (m):	
Spawning (sq m)	
Rearing (sq m)	

CULVERT DESCRIPTION

Sequencer:	1.2
Shape	RND
Material	CST
Span (m)	0.91
Rise (m)	0.91
Length (m)	12.07
Slope (%)	3.80
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.26
Apron	No
Fill Depth (m)	1.50
Tidegate	No

Culvert Comments:

Recently replaced culvert.



WRIA 22 Fish Passage Inventory

Mason Conservation District

Site ID:

127W0389

Fish Use: Yes

PI:

Barrier: Yes

CULVERT DESCRIPTION

Sequencer:	2.2
Shape	RND
Material	CST
Span (m)	1.40
Rise (m)	1.40
Length (m)	12.08
Slope (%)	2.60
Bed Material	No
Outfall Drop (m)	0.00
WDIC (m)	0.34
Apron	No
Fill Depth (m)	1.00
Tidegate	No

Culvert Comments:

