

2011 Future Brood Document Final

ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 200 | 11 |
| Received | 250 | 13 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | LK ABERDEEN HATCHERY | 250 | 20.0 | 13 | JUVENILE |
| Shipped | 05/2012 | 05/2012 | LK ABERDEEN HATCHERY | 200 | 18.0 | 11 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo:

2011 Future Brood Document Final

ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 950 | 12 |
| Received | 1,250 | 13 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-------|--------------|------------|
| Received | 04/2012 | 04/2012 | LK ABERDEEN HATCHERY | 1,000 | | 0 | EGGS EYED |
| Shipped | 05/2012 | 05/2012 | LK ABERDEEN HATCHERY | 750 | 750.0 | 1 | JUVENILE |
| Received | 01/2013 | 01/2013 | LK ABERDEEN HATCHERY | 250 | 20.0 | 13 | JUVENILE |
| Shipped | 05/2013 | 05/2013 | LK ABERDEEN HATCHERY | 200 | 18.0 | 11 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo:

2011 Future Brood Document Final

BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Chinook salmon (tshawytscha)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 6,250 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2012 | 04/2012 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

2011 Future Brood Document Final

BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 55,000 | 1,100 |
| Planted | 50,000 | 6,250 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 07/2012 | 07/2012 | LONESOME CR HATCHERY | 55,000 | 50.0 | 1,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

2011 Future Brood Document Final

BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 150,000 | 8,824 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 150,000 | 17.0 | 8,824 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 26,250 | 1,193 |
| Received | | |
| Planted | 150,000 | 8,824 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | FRIENDS LANDING NP | 26,250 | 22.0 | 1,193 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 03/2012 | 05/2012 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input checked="" type="checkbox"/> |
| 03/2012 | 05/2012 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | | <input checked="" type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 200,000 | 133 |
| Received | 450,000 | 0 |
| Planted | 200,000 | 444 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|---------|--------------|------------|
| Received | 10/2011 | 11/2011 | SATSOP SPRINGS PONDS | 450,000 | | 0 | EGGS GREEN |
| Shipped | 12/2011 | 01/2012 | SATSOP SPRINGS PONDS | 200,000 | 1,500.0 | 133 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2012 | 04/2012 | 200,000 | 450.0 | 444 | JUVENILE | BINGHAM CR 22.0465 | | <input type="checkbox"/> |

Memo:

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 300,000 | 3,000 |
| Received | 600,000 | 0 |
| Planted | 200,000 | 2,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 01/2012 | 01/2012 | SATSOP SPRINGS PONDS | 600,000 | | 0 | EGGS GREEN |
| Shipped | 04/2012 | 04/2012 | SATSOP SPRINGS PONDS | 300,000 | 100.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2012 | 06/2012 | 200,000 | 80.0 | 2,500 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input checked="" type="checkbox"/> |

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 180,000 | |
| Shipping | 5,000 | 0 |
| Received | | |
| Planted | 150,000 | 8,824 |

Estimated Brood Data

Egg Take Goal 180,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Shipped | 01/2012 | 01/2012 | REG 6 ED COOPS | 5,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 150,000 | 17.0 | 8,824 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,139,000 | |
| Shipping | 714,550 | 11,048 |
| Received | 2,000 | 118 |
| Planted | 150,000 | 8,824 |

Estimated Brood Data

Egg Take Goal 1,139,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------------|---------|-------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | ELMA FFA | 300 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | GRAYS HARB4-H/HARBEL | 30,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | OCOSTA HIGH PROJECT - RSI | 50,000 | | 0 | EGGS EYED |
| Shipped | 03/2012 | 03/2012 | ELMA FFA | 1,000 | 500.0 | 2 | JUVENILE |
| Shipped | 06/2012 | 06/2012 | SATSOP SPRINGS PONDS | 500,000 | 100.0 | 5,000 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | ELMA FFA | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | FRIENDS LANDING NP | 26,250 | 22.0 | 1,193 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | WESTPORT NET PENS | 105,000 | 22.0 | 4,773 | JUVENILE |
| Received | 04/2013 | 04/2013 | ELMA FFA | 2,000 | 17.0 | 118 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 03/2013 | 05/2013 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input checked="" type="checkbox"/> |
| 03/2013 | 05/2013 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | | <input checked="" type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 55,000 | 5.0 | 11,000 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess fish into Satsop River EF

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 110,000 | |
| Shipping | | |
| Received | | |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal 110,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 55,000 | 5.0 | 11,000 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess fish into Satsop River EF

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BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,400 | 3,400 |
| Planted | 3,400 | 4,300 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Received | 04/2012 | 04/2012 | SOLDUC HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 3,000 | 1.0 | 3,000 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 100 | 1.0 | 100 | JUVENILE | WENTWORTH LK (CLAL) | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 300 | 0.3 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |

Memo: Kids fishing derby. Increased costs to be paid by Westend Sportsman Club. Fish planted are remainder from Derby.

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BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,400 | 3,400 |
| Planted | 3,400 | 4,300 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Received | 04/2013 | 04/2013 | SOLDUC HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 3,000 | 1.0 | 3,000 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 100 | 1.0 | 100 | JUVENILE | WENTWORTH LK (CLAL) | | <input type="checkbox"/> |
| 04/2014 | 04/2014 | 300 | 0.3 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |

Memo: Kids fishing derby. Increased costs to be paid by Westend Sportsman Club. Fish planted are remainder from Derby.

2011 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: SUMMER
Stock: QUILLAYUTE R 20.0096
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 10,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 30,000 | 5.0 | 6,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 20,000 | 5.0 | 4,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: BOGACHIEL R 20.0162
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 150,000 | 30,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 100,000 | 5.0 | 20,000 | JUVENILE | BOGACHIEL R 20.0162 | AD | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 50,000 | 5.0 | 10,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Adults must be 100% virus tested. Cooperative with Quileute Tribe.

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BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: SUMMER
Stock: QUILLAYUTE R 20.0096
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 100,000 | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 10,000 |

Estimated Brood Data

Egg Take Goal 100,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 30,000 | 5.0 | 6,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 20,000 | 5.0 | 4,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: BOGACHIEL R 20.0162
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 320,000 | |
| Shipping | 150,000 | 0 |
| Received | 130,000 | 867 |
| Planted | 150,000 | 30,000 |

Estimated Brood Data

Egg Take Goal 320,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 02/2012 | 02/2012 | LONESOME CR HATCHERY | 150,000 | | 0 | EGGS EYED |
| Received | 07/2012 | 07/2012 | LONESOME CR HATCHERY | 130,000 | 150.0 | 867 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 100,000 | 5.0 | 20,000 | JUVENILE | BOGACHIEL R 20.0162 | AD | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 50,000 | 5.0 | 10,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Adults must be 100% virus tested. Cooperative with Quileute Tribe.

2011 Future Brood Document Final

BUZZARD CR COOP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 25,000 | 1,000 |
| Planted | 25,000 | 2,083 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 09/2011 | 11/2011 | MAYR BROTHERS REARIN | 25,000 | 25.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 25,000 | 12.0 | 2,083 | JUVENILE | CHEHALIS R 22.0190 | AD | <input type="checkbox"/> |

Memo: Released into Buzzard Creek.

2011 Future Brood Document Final

BUZZARD CR COOP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 35,000 | |
| Shipping | 35,000 | 0 |
| Received | 25,000 | 1,000 |
| Planted | 25,000 | 2,083 |

Estimated Brood Data

Egg Take Goal 35,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 11/2011 | 11/2011 | MAYR BROTHERS REARIN | 35,000 | | 0 | EGGS GREEN |
| Received | 09/2012 | 11/2012 | MAYR BROTHERS REARIN | 25,000 | 25.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 05/2013 | 05/2013 | 25,000 | 12.0 | 2,083 | JUVENILE | CHEHALIS R 22.0190 | AD | <input type="checkbox"/> |

Memo: Released into Buzzard Creek.

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 52,500 | 2,100 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2012 | 05/2012 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input checked="" type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 52,500 | 2,100 |
| Planted | 50,000 | 2,942 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2012 | 05/2012 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 52,500 | 2,100 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | SKOOKUMCHUCK HATCHRY | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2013 | 05/2013 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input checked="" type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 52,500 | 2,100 |
| Planted | 50,000 | 2,942 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | SKOOKUMCHUCK HATCHRY | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2013 | 05/2013 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 1,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 10/2011 | 10/2011 | 30,000 | 25.0 | 1,200 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 35,000 | 0 |
| Planted | 30,000 | 1,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 02/2012 | 02/2012 | SKOOKUMCHUCK HATCHRY | 35,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 10/2012 | 10/2012 | 30,000 | 25.0 | 1,200 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

CENTRALIA HS (CENTRA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 15,000 | 0 |
| Planted | 15,000 | 10 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 15,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 7,000 | 1,750.0 | 4 | JUVENILE | CHINA CR 23.0870 | | <input type="checkbox"/> |
| 06/2012 | 06/2012 | 500 | 500.0 | 1 | JUVENILE | CHINA CR 23.0870 | | <input type="checkbox"/> |
| 06/2012 | 06/2012 | 500 | 500.0 | 1 | JUVENILE | SCAMMON CR 23.0757 | | <input type="checkbox"/> |
| 06/2012 | 06/2012 | 7,000 | 1,750.0 | 4 | JUVENILE | SCAMMON CR 23.0757 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

CHALAAT CR HATCHERY

HOH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 3,333 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 02/2012 | 02/2012 | QUINAULT NFH -COOK C | 50,000 | 15.0 | 3,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo:

2011 Future Brood Document Final

CHALAAT CR HATCHERY

HOH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 14,286 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 100,000 | 7.0 | 14,286 | JUVENILE | CHALAAT CR 20.0423 | AD | <input type="checkbox"/> |

Memo: BY 2011 only

2011 Future Brood Document Final

CHALAAT CR HATCHERY

HOH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 3,333 |
| Planted | 50,000 | 7,143 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 04/2013 | 04/2013 | QUINAULT NFH -COOK C | 50,000 | 15.0 | 3,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 5,000 | 7.0 | 714 | JUVENILE | HOH R 20.0422 | AD | <input checked="" type="checkbox"/> |
| 04/2013 | 04/2013 | 45,000 | 7.0 | 6,429 | JUVENILE | HOH R 20.0422 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

DEEP CR 23.0957

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100,000 | 0 |
| Planted | 90,000 | 60 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 100,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 03/2012 | 03/2012 | 45,000 | 1,500.0 | 30 | JUVENILE | GABLE CR 23.0959 | | <input type="checkbox"/> |
| 03/2012 | 03/2012 | 45,000 | 1,500.0 | 30 | JUVENILE | TAPP CR 23.0958 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

DILLENBAUGH CR PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 50,000 | 33 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|---------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | DILLENBAUGH 23.0880 | | <input type="checkbox"/> |

Memo: Remote Site Incubator Project

2011 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 40,000 | 2,222 |
| Planted | 40,000 | 2,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 03/2012 | 03/2012 | MAKAH NFH ON SOOES R | 40,000 | 18.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 40,000 | 15.0 | 2,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100,000 | 200 |
| Planted | 100,000 | 1,818 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 05/2012 | 05/2012 | MAKAH NFH ON SOOES R | 100,000 | 500.0 | 200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2013 | 06/2013 | 100,000 | 55.0 | 1,818 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 40,000 | 2,222 |
| Planted | 40,000 | 2,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 03/2013 | 03/2013 | MAKAH NFH ON SOOES R | 40,000 | 18.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 40,000 | 15.0 | 2,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 22,000 | 3,143 |
| Planted | 22,000 | 3,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 04/2012 | 04/2012 | MAKAH NFH ON SOOES R | 22,000 | 7.0 | 3,143 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 22,000 | 6.0 | 3,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 22,000 | 3,143 |
| Planted | 22,000 | 3,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 04/2013 | 04/2013 | MAKAH NFH ON SOOES R | 22,000 | 7.0 | 3,143 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 05/2013 | 05/2013 | 22,000 | 6.0 | 3,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 105,000 | 4,200 |
| Planted | 100,000 | 6,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 105,000 | 25.0 | 4,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 100,000 | 15.0 | 6,667 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 105,000 | 4,200 |
| Planted | 100,000 | 6,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | SKOOKUMCHUCK HATCHRY | 105,000 | 25.0 | 4,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 100,000 | 15.0 | 6,667 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

2011 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 32,000 | 3,556 |
| Planted | 32,000 | 6,400 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 02/2012 | 02/2012 | SKOOKUMCHUCK HATCHRY | 32,000 | 9.0 | 3,556 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 32,000 | 5.0 | 6,400 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 32,000 | 3,556 |
| Planted | 32,000 | 6,400 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 02/2013 | 02/2013 | SKOOKUMCHUCK HATCHRY | 32,000 | 9.0 | 3,556 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 32,000 | 5.0 | 6,400 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,050 | 66 |
| Planted | 1,000 | 333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2011 | 10/2011 | EELLS SPRINGS | 1,050 | 16.0 | 66 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 1,000 | 3.0 | 333 | JUVENILE | ELMA PDS (GRAY) | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,000 | 118 |
| Received | 3,300 | 82 |
| Planted | 1,000 | 6 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-------|--------------|------------|
| Received | 01/2012 | 01/2012 | BINGHAM CR HATCHERY | 300 | | 0 | EGGS EYED |
| Received | 03/2012 | 03/2012 | BINGHAM CR HATCHERY | 1,000 | 500.0 | 2 | JUVENILE |
| Received | 01/2013 | 01/2013 | BINGHAM CR HATCHERY | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 04/2013 | 04/2013 | BINGHAM CR HATCHERY | 2,000 | 17.0 | 118 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 06/2012 | 06/2012 | 1,000 | 167.0 | 6 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,050 | 66 |
| Planted | 1,000 | 333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2012 | 10/2012 | EELLS SPRINGS | 1,050 | 16.0 | 66 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 1,000 | 3.0 | 333 | JUVENILE | ELMA PDS (GRAY) | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 5,882 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 100,000 | 17.0 | 5,882 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2012 | 05/2012 | 50,000 | 17.0 | 2,941 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 03/2012 | 05/2012 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |
| 03/2012 | 05/2012 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,000 | 400 |
| Planted | 4,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2011 | 10/2011 | EELLS SPRINGS | 4,000 | 10.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 4,000 | 2.0 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: NORTH R 24.0034
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 220,000 | |
| Shipping | 200,000 | 0 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 220,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 03/2012 | 03/2012 | MARCH SPAWNING CHNL | 50,000 | | 0 | EGGS EYED |
| Shipped | 03/2012 | 03/2012 | WILLAPA BAY GILLNETR | 150,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Eggs from Bitter Creek. Parents 100% virus tested.

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 330,000 | |
| Shipping | | |
| Received | | |
| Planted | 300,000 | 667 |

Estimated Brood Data

Egg Take Goal 330,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 300,000 | 450.0 | 667 | JUVENILE | FORK CR 24.0356 | | <input type="checkbox"/> |

Memo: 300k max release from Adult volunteers to hatchery trap.

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 3,600,000 | |
| Shipping | | |
| Received | | |
| Planted | 3,200,000 | 40,000 |

Estimated Brood Data

Egg Take Goal 3,600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 05/2012 | 06/2012 | 2,800,000 | 80.0 | 35,000 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 05/2012 | 06/2012 | 200,000 | 80.0 | 2,500 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |
| 05/2012 | 06/2012 | 200,000 | 80.0 | 2,500 | JUVENILE | FORK CR 24.0356 | | <input checked="" type="checkbox"/> |

Memo: Backfill for Nemah only.

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 570,000 | |
| Shipping | 440,000 | 0 |
| Received | | |
| Planted | 100,000 | 5,882 |

Estimated Brood Data

Egg Take Goal 570,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Shipped | 01/2012 | 01/2012 | NASELLE HATCHERY | 220,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | PACIFIC CO ANGLERS | 220,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 100,000 | 17.0 | 5,882 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,000,000 | |
| Shipping | 790,000 | 0 |
| Received | | |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal 1,000,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 01/2012 | 01/2012 | RFEG 10 WILLAPA BAY | 220,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | WILLAPA BAY GILLNETR | 270,000 | | 0 | EGGS EYED |
| Shipped | 03/2012 | 03/2012 | MARCH SPAWNING CHNL | 300,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2013 | 05/2013 | 50,000 | 17.0 | 2,941 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 03/2013 | 05/2013 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |
| 03/2013 | 05/2013 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,000 | 400 |
| Planted | 4,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2012 | 10/2012 | EELLS SPRINGS | 4,000 | 10.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 4,000 | 2.0 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 25,000 | 2,500 |
| Received | | |
| Planted | 60,000 | 12,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | MARCH SPAWNING CHNL | 10,000 | 10.0 | 1,000 | JUVENILE |
| Shipped | 01/2012 | 01/2012 | PACIFIC CO ANGLERS | 15,000 | 10.0 | 1,500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 10,000 | 5.0 | 2,000 | JUVENILE | SMITH CR 24.0035 | AD | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 10,000 | 5.0 | 2,000 | JUVENILE | WILLAPA R-SF 24.0277 | AD | <input type="checkbox"/> |
| 04/2012 | 05/2012 | 40,000 | 5.0 | 8,000 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Fish volitionally at 5-6 fpp.

2011 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 245,000 | |
| Shipping | 105,000 | 2,500 |
| Received | | |
| Planted | 60,000 | 12,000 |

Estimated Brood Data

Egg Take Goal 245,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 02/2012 | 02/2012 | NASELLE HATCHERY | 80,000 | | 0 | EGGS EYED |
| Shipped | 01/2013 | 01/2013 | MARCH SPAWNING CHNL | 10,000 | 10.0 | 1,000 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | PACIFIC CO ANGLERS | 15,000 | 10.0 | 1,500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 10,000 | 5.0 | 2,000 | JUVENILE | SMITH CR 24.0035 | AD | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 10,000 | 5.0 | 2,000 | JUVENILE | WILLAPA R-SF 24.0277 | AD | <input type="checkbox"/> |
| 04/2013 | 05/2013 | 40,000 | 5.0 | 8,000 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Fish volitionally at 5-6 fpp.

2011 Future Brood Document Final

FRIENDS LANDING NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 26,250 | 1,193 |
| Planted | 25,000 | 1,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | BINGHAM CR HATCHERY | 26,250 | 22.0 | 1,193 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 25,000 | 15.0 | 1,667 | JUVENILE | QUIGG LAKE (GRAY) | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

FRIENDS LANDING NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 26,250 | 1,193 |
| Planted | 25,000 | 1,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | BINGHAM CR HATCHERY | 26,250 | 22.0 | 1,193 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 25,000 | 15.0 | 1,667 | JUVENILE | QUIGG LAKE (GRAY) | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

GRAYS HARB4-H/HARBEL

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 30,000 | 0 |
| Planted | 28,500 | 22 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | BINGHAM CR HATCHERY | 30,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 9,500 | 1,500.0 | 6 | JUVENILE | STILL CR 22.0366 | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 9,500 | 1,500.0 | 6 | JUVENILE | SYLVIA CR 22.0261 | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 9,500 | 1,000.0 | 10 | JUVENILE | COOK CR 22.0410 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

GRAYS HARBOR COLLEGE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,500 | 5,000 |
| Received | 20,000 | 2,000 |
| Planted | 17,000 | 5,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 10/2011 | 10/2011 | EELLS SPRINGS | 20,000 | 10.0 | 2,000 | JUVENILE |
| Shipped | 04/2012 | 04/2012 | LK ABERDEEN HATCHERY | 2,500 | 0.5 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 17,000 | 3.0 | 5,667 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

GRAYS HARBOR COLLEGE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,500 | 5,000 |
| Received | 20,000 | 2,000 |
| Planted | 17,000 | 5,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 10/2012 | 10/2012 | EELLS SPRINGS | 20,000 | 10.0 | 2,000 | JUVENILE |
| Shipped | 04/2013 | 04/2013 | LK ABERDEEN HATCHERY | 2,500 | 0.5 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 17,000 | 3.0 | 5,667 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

GRAYS HARBOR GILLNET

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 0 |
| Planted | 190,000 | 633 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 12/2011 | 01/2012 | MAYR BROTHERS REARIN | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 190,000 | 300.0 | 633 | JUVENILE | HOQUIAM R-EF 22.0138 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

HEIMBIGNER PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 15,000 | 882 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 15,000 | 17.0 | 882 | JUVENILE | STEARNS CR 23.0934 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

HEIMBIGNER PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 45,000 | 982 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 30,000 | 300.0 | 100 | JUVENILE | STEARNS CR 23.0934 | AD | <input type="checkbox"/> |
| 04/2013 | 05/2013 | 15,000 | 17.0 | 882 | JUVENILE | STEARNS CR 23.0934 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2009
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 500 | 500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2012 | 05/2012 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Must remain in isolation on hatchery creek water.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 370,000 | 24,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 370,000 | 15.0 | 24,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Plant excess into Duck Lk (Grays Harbor), once viral testing is negative, and an exemption to the SDCP is obtained from co-managers.

2011 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 600,000 | 40,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|--------------------|-----------|-------------------------------------|
| 03/2012 | 05/2012 | 550,000 | 15.0 | 36,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |
| 03/2012 | 05/2012 | 50,000 | 15.0 | 3,333 | JUVENILE | STEVENS CR 22.0064 | AD | <input checked="" type="checkbox"/> |

Memo: Plant excess into Duck Lk (Grays Harbor), once viral testing is negative, and an exemption to the SDCP is obtained from co-managers.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 400 |
| Planted | 9,500 | 3,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2011 | 10/2011 | EELLS SPRINGS | 10,000 | 25.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 2,000 | 3.0 | 667 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 7,000 | 3.0 | 2,333 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |
| 04/2013 | 05/2013 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2013 | 05/2013 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Must remain in isolation on hatchery creek water.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 590,000 | |
| Shipping | | |
| Received | | |
| Planted | 500,000 | 7,143 |

Estimated Brood Data

Egg Take Goal 590,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 06/2012 | 06/2012 | 200,000 | 70.0 | 2,857 | JUVENILE | STEVENS CR 22.0064 | AD | <input checked="" type="checkbox"/> |
| 06/2012 | 06/2012 | 300,000 | 70.0 | 4,286 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo:

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 400,000 | |
| Shipping | | |
| Received | | |
| Planted | 370,000 | 24,667 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|--------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 370,000 | 15.0 | 24,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Plant excess into Duck Lk (Grays Harbor), once viral testing is negative, and an exemption to the SDCP is obtained from co-managers.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 943,000 | |
| Shipping | | |
| Received | | |
| Planted | 600,000 | 40,000 |

Estimated Brood Data

Egg Take Goal 943,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|--------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 600,000 | 15.0 | 40,000 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Plant excess into Duck Lk (Grays Harbor), once viral testing is negative, and an exemption to the SDCP is obtained from co-managers.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 400 |
| Planted | 9,500 | 3,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2012 | 10/2012 | EELLS SPRINGS | 10,000 | 25.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 2,000 | 3.0 | 667 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 7,000 | 3.0 | 2,333 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |
| 04/2014 | 05/2014 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2014 | 05/2014 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Must remain in isolation on hatchery creek water.

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: SUMMER
Stock: HUMPTULIPS R 22.0004
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 30,000 | 6.0 | 5,000 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: May backfill from Lake Aberdeen. Plant excess into Duck Lk (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP an

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: HUMPTULIPS R 22.0004
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 125,000 | 20,833 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 125,000 | 6.0 | 20,833 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Fish released at 6-7 fpp. Excess fry released into Vance Crk Pd or Duck Lk (Grays Harbor) after yearly testing and no detection of regulated pathogens and exemptio

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: SUMMER
Stock: HUMPTULIPS R 22.0004
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 60,000 | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 5,000 |

Estimated Brood Data

Egg Take Goal 60,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 30,000 | 6.0 | 5,000 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: May backfill from Lake Aberdeen. Plant excess into Duck Lk (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP an

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HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: HUMPTULIPS R 22.0004
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 200,000 | |
| Shipping | | |
| Received | | |
| Planted | 125,000 | 20,833 |

Estimated Brood Data

Egg Take Goal 200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 125,000 | 6.0 | 20,833 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Fish released at 6-7 fpp. Excess fry released into Vance Crk Pd or Duck Lk (Grays Harbor) after yearly testing and no detection of regulated pathogens and exemptio

2011 Future Brood Document Final

JOHNSON CR PROJECT -RSI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 50,000 | 33 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | NASELLE HATCHERY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | JOHNSON CR 24.0581 | | <input type="checkbox"/> |

Memo: Remote Site Incubator Project. May come from local stocks via broodstocking.

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2009
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,500 | 5,000 |
| Planted | 2,500 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 04/2012 | 05/2012 | GRAYS HARBOR COLLEGE | 2,500 | 0.5 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Direct plants done by Lake Aberdeen staff.

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 250 | 13 |
| Received | 200 | 11 |
| Planted | 30,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | ABERDEEN SD 5(ABERDE | 250 | 20.0 | 13 | JUVENILE |
| Received | 05/2012 | 05/2012 | ABERDEEN SD 5(ABERDE | 200 | 18.0 | 11 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 30,000 | 15.0 | 2,000 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,500 | 5,000 |
| Planted | 2,500 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 04/2012 | 05/2012 | GRAYS HARBOR COLLEGE | 2,500 | 0.5 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Direct plants done by Lake Aberdeen staff.

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: VAN WINKLE C 22.0240
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 75,000 | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 556 |

Estimated Brood Data

Egg Take Goal 75,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2012 | 06/2012 | 50,000 | 90.0 | 556 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 50,000 | |
| Shipping | 1,250 | 13 |
| Received | 950 | 12 |
| Planted | 30,000 | 2,000 |

Estimated Brood Data

Egg Take Goal 50,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-------|--------------|------------|
| Shipped | 04/2012 | 04/2012 | ABERDEEN SD 5(ABERDE | 1,000 | | 0 | EGGS EYED |
| Received | 05/2012 | 05/2012 | ABERDEEN SD 5(ABERDE | 750 | 750.0 | 1 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | ABERDEEN SD 5(ABERDE | 250 | 20.0 | 13 | JUVENILE |
| Received | 05/2013 | 05/2013 | ABERDEEN SD 5(ABERDE | 200 | 18.0 | 11 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 30,000 | 15.0 | 2,000 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,500 | 5,000 |
| Planted | 2,500 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 04/2014 | 05/2014 | GRAYS HARBOR COLLEGE | 2,500 | 0.5 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2014 | 05/2014 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Direct plants done by Lake Aberdeen staff.

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: SUMMER
Stock: VAN WINKLE C 22.0240
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 60,000 | 12,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 60,000 | 5.0 | 12,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 170,000 | 34,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 170,000 | 5.0 | 34,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Mitigation. Shortfall may be backfilled with Van Winkle stock if necessary.

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LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: SUMMER
Stock: VAN WINKLE C 22.0240
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 235,000 | |
| Shipping | | |
| Received | | |
| Planted | 60,000 | 12,000 |

Estimated Brood Data

Egg Take Goal 235,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 60,000 | 5.0 | 12,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 340,000 | |
| Shipping | | |
| Received | | |
| Planted | 170,000 | 34,000 |

Estimated Brood Data

Egg Take Goal 340,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 170,000 | 5.0 | 34,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Mitigation. Shortfall may be backfilled with Van Winkle stock if necessary.

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LONESOME CR HATCHERY

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 215,000 | 2,167 |
| Received | 250,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Received | 11/2011 | 11/2011 | SOLDUC HATCHERY | 250,000 | | 0 | EGGS EYED |
| Shipped | 04/2012 | 04/2012 | SOLDUC HATCHERY | 160,000 | 150.0 | 1,067 | JUVENILE |
| Shipped | 07/2012 | 07/2012 | BEAR SPRINGS 1 (20) | 55,000 | 50.0 | 1,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Depending on H2O and space availability at Lonesome Crk Hat., some portion of the total egg-take listed to be reared at Lonesome Cr. Hat. May be reared at Sol Du

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LONESOME CR HATCHERY

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: BOGACHIEL R 20.0162
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 130,000 | 867 |
| Received | 150,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|---------|-------|--------------|------------|
| Received | 02/2012 | 02/2012 | BOGACHIEL HATCHERY | 150,000 | | 0 | EGGS EYED |
| Shipped | 07/2012 | 07/2012 | BOGACHIEL HATCHERY | 130,000 | 150.0 | 867 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Cooperative with WDFW.

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 40,000 | 2,222 |
| Received | | |
| Planted | 200,000 | 11,111 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 03/2012 | 03/2012 | EDUCKET CR HATCHERY | 40,000 | 18.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2012 | 05/2012 | 40,000 | 18.0 | 2,222 | JUVENILE | SOOES R 20.0015 | AD | <input checked="" type="checkbox"/> |
| 05/2012 | 05/2012 | 40,000 | 18.0 | 2,222 | JUVENILE | SOOES R 20.0015 | | <input checked="" type="checkbox"/> |
| 05/2012 | 05/2012 | 120,000 | 18.0 | 6,667 | JUVENILE | SOOES R 20.0015 | AD | <input type="checkbox"/> |

Memo: Release about May 15 at 15-20 fpp. Excess to program will be stocked on station as fry.

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,850,000 | |
| Shipping | 100,000 | 200 |
| Received | | |
| Planted | 2,200,000 | 29,334 |

Estimated Brood Data

Egg Take Goal 4,850,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 05/2012 | 05/2012 | EDUCKET CR HATCHERY | 100,000 | 500.0 | 200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2012 | 05/2012 | 1,940,000 | 75.0 | 25,867 | JUVENILE | SOOES R 20.0015 | AD | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 260,000 | 75.0 | 3,467 | JUVENILE | SOOES R 20.0015 | AD | <input checked="" type="checkbox"/> |

Memo:

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 450,000 | |
| Shipping | 40,000 | 2,222 |
| Received | | |
| Planted | 200,000 | 11,111 |

Estimated Brood Data

Egg Take Goal 450,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 03/2013 | 03/2013 | EDUCKET CR HATCHERY | 40,000 | 18.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2013 | 05/2013 | 40,000 | 18.0 | 2,222 | JUVENILE | SOOES R 20.0015 | AD | <input checked="" type="checkbox"/> |
| 05/2013 | 05/2013 | 40,000 | 18.0 | 2,222 | JUVENILE | SOOES R 20.0015 | | <input checked="" type="checkbox"/> |
| 05/2013 | 05/2013 | 120,000 | 18.0 | 6,667 | JUVENILE | SOOES R 20.0015 | AD | <input type="checkbox"/> |

Memo: Release about May 15 at 15-20 fpp. Excess to program will be stocked on station as fry.

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 22,000 | 3,143 |
| Received | | |
| Planted | 158,000 | 28,727 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Shipped | 04/2012 | 04/2012 | EDUCKET CR HATCHERY | 22,000 | 7.0 | 3,143 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 158,000 | 5.5 | 28,727 | JUVENILE | SOOES R 20.0015 | | <input type="checkbox"/> |

Memo: If possible, transfer to Educket Cr for imprinting before release.

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Sockeye salmon (nerka)
Run: NA
Stock: OZETTE LK (20)
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 305,000 | 0 |
| Received | 305,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 11/2011 | 12/2011 | UMBRELLA CR HATCHERY | 305,000 | | 0 | EGGS GREEN |
| Shipped | 02/2012 | 02/2012 | UMBRELLA CR HATCHERY | 122,000 | | 0 | EGGS EYED |
| Shipped | 03/2012 | 03/2012 | STONY CR HATCHERY | 183,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Incubated under quarantine conditions at MNFH per NWFHP disease policy.

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MAKAH NFH ON SOOES R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SOOES R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 22,000 | 3,143 |
| Received | | |
| Planted | 158,000 | 28,727 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Shipped | 04/2013 | 04/2013 | EDUCKET CR HATCHERY | 22,000 | 7.0 | 3,143 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 05/2013 | 05/2013 | 158,000 | 5.5 | 28,727 | JUVENILE | SOOES R 20.0015 | | <input type="checkbox"/> |

Memo: If possible, transfer to Educket Cr for imprinting before release.

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MARCH SPAWNING CHNL

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: NORTH R 24.0034
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 50,000 | 111 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 03/2012 | 03/2012 | FORKS CREEK HATCHERY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 50,000 | 450.0 | 111 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Eggs from Bitter Creek. Parents 100% virus tested.

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MARCH SPAWNING CHNL

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 300,000 | 0 |
| Planted | 270,000 | 540 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 03/2012 | 03/2012 | FORKS CREEK HATCHERY | 300,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 270,000 | 500.0 | 540 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Planted into spawning channel.

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MARCH SPAWNING CHNL

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 1,000 |
| Planted | 10,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 10,000 | 10.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 10,000 | 5.0 | 2,000 | JUVENILE | NORTH R 24.0034 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

MARCH SPAWNING CHNL

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 1,000 |
| Planted | 10,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | FORKS CREEK HATCHERY | 10,000 | 10.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 10,000 | 5.0 | 2,000 | JUVENILE | NORTH R 24.0034 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 25,000 | 1,000 |
| Received | | |
| Planted | 300,000 | 17,647 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Shipped | 09/2012 | 11/2012 | BUZZARD CR COOP | 25,000 | 25.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 300,000 | 17.0 | 17,647 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo: Excess fry can be planted into Duck Lake once viral samples are negative and Comanager approval is met.

2011 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 120,000 | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 222 |

Estimated Brood Data

Egg Take Goal 120,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 100,000 | 450.0 | 222 | JUVENILE | WISHKAH R 22.0191 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 2,500 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 200,000 | 80.0 | 2,500 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 600,000 | |
| Shipping | 225,000 | 1,000 |
| Received | 35,000 | 0 |
| Planted | 300,000 | 17,647 |

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2011 | 11/2011 | BUZZARD CR COOP | 35,000 | | 0 | EGGS GREEN |
| Shipped | 12/2011 | 12/2011 | GRAYS HARBOR GILLNET | 200,000 | | 0 | EGGS EYED |
| Shipped | 09/2012 | 11/2012 | BUZZARD CR COOP | 25,000 | 25.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 300,000 | 17.0 | 17,647 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo: Excess fry can be planted into Duck Lake once viral samples are negative and Comanager approval is met.

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 200,000 | 17.0 | 11,765 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 1,200,000 | 70,588 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 1,200,000 | 17.0 | 70,588 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 19,180 | 7,672 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 19,180 | 2.5 | 7,672 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 330,000 | |
| Shipping | | |
| Received | | |
| Planted | 300,000 | 667 |

Estimated Brood Data

Egg Take Goal 330,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 300,000 | 450.0 | 667 | JUVENILE | NASELLE R 24.0543 | | <input type="checkbox"/> |

Memo: May come from local stocks via brood stocking. Backfill with Nemah if needed.

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 880,000 | |
| Shipping | | |
| Received | | |
| Planted | 800,000 | 10,000 |

Estimated Brood Data

Egg Take Goal 880,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 800,000 | 80.0 | 10,000 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 220,000 | 0 |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 220,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 200,000 | 17.0 | 11,765 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,650,000 | |
| Shipping | 300,000 | 0 |
| Received | | |
| Planted | 1,200,000 | 70,588 |

Estimated Brood Data

Egg Take Goal 1,650,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|---------|-----|--------------|------------|
| Shipped | 01/2012 | 01/2012 | JOHNSON CR PROJECT -RSI | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | RFEG 10 WILLAPA BAY | 250,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 1,200,000 | 17.0 | 70,588 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 19,180 | 685 |
| Planted | 19,180 | 7,672 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|------|--------------|------------|
| Received | 08/2012 | 08/2012 | NEMAH HATCHERY | 19,180 | 28.0 | 685 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 19,180 | 2.5 | 7,672 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 80,000 | 2,286 |
| Planted | 75,000 | 15,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|------|--------------|------------|
| Received | 08/2011 | 09/2011 | NEMAH HATCHERY | 80,000 | 35.0 | 2,286 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 75,000 | 5.0 | 15,000 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Fish volitionally released 5 - 6 fpp.

2011 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 80,000 | 0 |
| Planted | 75,000 | 15,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 02/2012 | 02/2012 | FORKS CREEK HATCHERY | 80,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 75,000 | 5.0 | 15,000 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Fish volitionally released 5 - 6 fpp.

2011 Future Brood Document Final

NASELLE YOUTH CAMP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: CALIF-MT WHITNEY
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 5,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 5,000 | 2.5 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NASELLE YOUTH CAMP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Rainbow trout (mykiss)
Run: NA
Stock: CALIF-MT WHITNEY
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 5,000 | 0 |
| Planted | 5,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 02/2012 | 02/2012 | EELLS SPRINGS | 5,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 5,000 | 2.5 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 3,000 | 1,167 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 02/2012 | 02/2012 | 2,750 | 3.0 | 917 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 250 | 1.0 | 250 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: NEMAH R 24.0460
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 330,000 | |
| Shipping | | |
| Received | | |
| Planted | 300,000 | 667 |

Estimated Brood Data

Egg Take Goal 330,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2012 | 03/2012 | 300,000 | 450.0 | 667 | JUVENILE | N NEMAH R TR 24.0498 | | <input type="checkbox"/> |

Memo: Brood stock from N.Nemah and Williams Creek.

2011 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: NEMAH R 24.0460
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 3,300,000 | |
| Shipping | | |
| Received | | |
| Planted | 3,000,000 | 37,500 |

Estimated Brood Data

Egg Take Goal 3,300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|----------------------|-----------|-------------------------------------|
| 05/2012 | 06/2012 | 2,800,000 | 80.0 | 35,000 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input type="checkbox"/> |
| 05/2012 | 06/2012 | 200,000 | 80.0 | 2,500 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input checked="" type="checkbox"/> |

Memo: May backfill with eggs from Forks Cr and Naselle.

2011 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 19,180 | 685 |
| Received | 25,000 | 38 |
| Planted | 3,000 | 1,167 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-------|--------------|------------|
| Received | 03/2012 | 03/2012 | EELLS SPRINGS | 25,000 | 650.0 | 38 | JUVENILE |
| Shipped | 08/2012 | 08/2012 | NASELLE HATCHERY | 19,180 | 28.0 | 685 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 02/2013 | 02/2013 | 2,750 | 3.0 | 917 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 250 | 1.0 | 250 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 80,000 | 2,286 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|------|--------------|------------|
| Shipped | 08/2011 | 09/2011 | NASELLE HATCHERY | 80,000 | 35.0 | 2,286 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo:

2011 Future Brood Document Final

OCOSTA HIGH PROJECT - RSI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 50,000 | 100 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | BINGHAM CR HATCHERY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 01/2012 | 01/2012 | 25,000 | 500.0 | 50 | JUVENILE | ELK R 22.1333 | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 25,000 | 500.0 | 50 | JUVENILE | JOHNS R 22.1270 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 8,000 | 889 |
| Planted | 8,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | MOSSYROCK HATCHERY | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 8,000 | 2.0 | 4,000 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 8,000 | 889 |
| Planted | 8,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2013 | 01/2013 | MOSSYROCK HATCHERY | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 8,000 | 2.0 | 4,000 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 220,000 | 0 |
| Planted | 200,000 | 132 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 220,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|---------------------|-----------|--------------------------|
| 01/2012 | 01/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | MILL CR 24.0322 | | <input type="checkbox"/> |
| 01/2012 | 01/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | STRINGER CR 24.0339 | | <input type="checkbox"/> |
| 01/2012 | 01/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | WALKER CR 24.0369 | | <input type="checkbox"/> |
| 01/2012 | 01/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | WILLAPA R 24.0251 | | <input type="checkbox"/> |

Memo: Remote Stie Incubator Project.

2011 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 15,000 | 1,500 |
| Planted | 15,000 | 2,727 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 15,000 | 10.0 | 1,500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 03/2012 | 05/2012 | 15,000 | 5.5 | 2,727 | JUVENILE | STRINGER CR 24.0339 | AD | <input type="checkbox"/> |

Memo: Allow acclimation to middle section of the Willapa River. Volitional release

2011 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: WILLAPA R 24.0251
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 15,000 | 1,500 |
| Planted | 15,000 | 2,727 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | FORKS CREEK HATCHERY | 15,000 | 10.0 | 1,500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 03/2013 | 05/2013 | 15,000 | 5.5 | 2,727 | JUVENILE | STRINGER CR 24.0339 | AD | <input type="checkbox"/> |

Memo: Allow acclimation to middle section of the Willapa River. Volitional release

2011 Future Brood Document Final

PEDERSEN PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 45,000 | 30 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 50,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 45,000 | 1,500.0 | 30 | JUVENILE | NEWAUKUM R-NF23.0887 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,300,000 | |
| Shipping | 450,000 | 0 |
| Received | | |
| Planted | 400,000 | 26,666 |

Estimated Brood Data

Egg Take Goal 1,300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 11/2011 | 12/2011 | QUINAULT NFH -COOK C | 450,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 09/2012 | 09/2012 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | | <input checked="" type="checkbox"/> |
| 09/2012 | 09/2012 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

QUINALT LK HATCHERY

QUINALT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: QUINALT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 800,000 | |
| Shipping | | |
| Received | 100,000 | 1,667 |
| Planted | 200,000 | 40,000 |

Estimated Brood Data

Egg Take Goal 800,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|----------------|------|--------------|------------|
| Received | 09/2011 | 09/2011 | QUINALT NFH -COOK C | 100,000 | 60.0 | 1,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2012 | 04/2012 | 165,000 | 5.0 | 33,000 | JUVENILE | QUINALT LK (GRAY) | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 35,000 | 5.0 | 7,000 | JUVENILE | QUINALT LK (GRAY) | AD | <input checked="" type="checkbox"/> |

Memo: Broodstock captured in Lake Quinalt, no hatchery rack.

2011 Future Brood Document Final

QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Sockeye salmon (nerka)
Run: NA
Stock: QUINAULT R 21.0398
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,000,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,000,000 | 285 |

Estimated Brood Data

Egg Take Goal 1,000,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 1,000,000 | 3,509.0 | 285 | JUVENILE | QUINAULT LK (GRAY) | | <input type="checkbox"/> |

Memo: Broodstock captured on upper river spawning grounds and Lk Quinault. No Hatchery rack.

2011 Future Brood Document Final

QUINALT LK HATCHERY

QUINALT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: QUINALT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 600,000 | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 40,000 |

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 35,000 | 5.0 | 7,000 | JUVENILE | QUINALT LK (GRAY) | AD | <input checked="" type="checkbox"/> |
| 04/2013 | 04/2013 | 165,000 | 5.0 | 33,000 | JUVENILE | QUINALT LK (GRAY) | | <input type="checkbox"/> |

Memo: Broodstock captured in Lake Quinalt, no hatchery rack.

2011 Future Brood Document Final

QUINALT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: COOK CR 21.0429
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 660,000 | 36,666 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2012 | 05/2012 | 80,000 | 18.0 | 4,444 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |
| 05/2012 | 05/2012 | 80,000 | 18.0 | 4,444 | JUVENILE | COOK CR 21.0429 | | <input checked="" type="checkbox"/> |
| 05/2012 | 05/2012 | 500,000 | 18.0 | 27,778 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |

Memo: Excess to program needs will be stocked into the Raft River and Moclips as fry.

2011 Future Brood Document Final

QUINALT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: COOK CR 21.0429
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,770,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,500,000 | 2,727 |

Estimated Brood Data

Egg Take Goal 1,770,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 1,500,000 | 550.0 | 2,727 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |

Memo: Size range of 700-400 fpp at release separate by one week from all yearling releases.

2011 Future Brood Document Final

QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 450,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 11/2011 | 12/2011 | QUINAULT LK HATCHERY | 450,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Up to half the LQTFH and QNFH aggregate total of eyed eggs.

2011 Future Brood Document Final

QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: COOK CR 21.0429
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 700,000 | |
| Shipping | | |
| Received | | |
| Planted | 600,000 | 15,000 |

Estimated Brood Data

Egg Take Goal 700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 07/2012 | 07/2012 | 400,000 | 40.0 | 10,000 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 07/2012 | 07/2012 | 200,000 | 40.0 | 5,000 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

QUINALT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: COOK CR 21.0429
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 700,000 | |
| Shipping | 300 | 0 |
| Received | | |
| Planted | 803,000 | 36,952 |

Estimated Brood Data

Egg Take Goal 700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Shipped | 01/2012 | 01/2012 | REG 6 ED COOPS | 300 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2012 | 03/2012 | 143,000 | 500.0 | 286 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 80,000 | 18.0 | 4,444 | JUVENILE | COOK CR 21.0429 | | <input checked="" type="checkbox"/> |
| 05/2013 | 05/2013 | 500,000 | 18.0 | 27,778 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 80,000 | 18.0 | 4,444 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |

Memo: Excess to program needs will be stocked into the Raft River and Moclips as fry.

2011 Future Brood Document Final

QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 5,000 |
| Received | | |
| Planted | 260,500 | 40,041 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 09/2011 | 09/2011 | QUINAULT LK HATCHERY | 100,000 | 60.0 | 1,667 | JUVENILE |
| Shipped | 02/2012 | 02/2012 | CHALAAT CR HATCHERY | 50,000 | 15.0 | 3,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|-------------------------------------|
| 04/2011 | 04/2011 | 20,500 | 500.0 | 41 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 170,000 | 6.0 | 28,333 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 20,000 | 6.0 | 3,333 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |
| 05/2012 | 05/2012 | 40,000 | 6.0 | 6,667 | JUVENILE | HOH R 20.0422 | AD | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 10,000 | 6.0 | 1,667 | JUVENILE | HOH R 20.0422 | AD | <input checked="" type="checkbox"/> |

Memo: Fish planted upstream of hatchery to utilize vacant habitat. Excess to program needs will be stocked into the Raft River as fry.

2011 Future Brood Document Final

QUINALT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER
Stock: QUINALT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 3,333 |
| Received | | |
| Planted | 260,500 | 40,041 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 02/2013 | 02/2013 | CHALAAT CR HATCHERY | 50,000 | 15.0 | 3,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 20,500 | 500.0 | 41 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 170,000 | 6.0 | 28,333 | JUVENILE | COOK CR 21.0429 | | <input type="checkbox"/> |
| 05/2013 | 05/2013 | 20,000 | 6.0 | 3,333 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |
| 05/2013 | 05/2013 | 10,000 | 6.0 | 1,667 | JUVENILE | HOH R 20.0422 | AD | <input checked="" type="checkbox"/> |
| 05/2013 | 05/2013 | 40,000 | 6.0 | 6,667 | JUVENILE | HOH R 20.0422 | AD | <input type="checkbox"/> |

Memo: Fish planted upstream of hatchery to utilize vacant habitat. Excess to program needs will be stocked into the Raft River as fry.

2011 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 220,000 | 0 |
| Planted | 200,000 | 133 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 220,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|-----------------|-----------|--------------------------|
| 02/2012 | 02/2012 | 200,000 | 1,500.0 | 133 | JUVENILE | MILL CR 24.0322 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250,000 | 0 |
| Planted | 250,000 | 167 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | NASELLE HATCHERY | 250,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|----------------------|-----------|--------------------------|
| 02/2012 | 02/2012 | 50,000 | 1,500.0 | 33 | JUVENILE | NASELLE R TR 24.0662 | | <input type="checkbox"/> |
| 02/2012 | 02/2012 | 100,000 | 1,500.0 | 67 | JUVENILE | NASELLE R TR 24.0662 | | <input type="checkbox"/> |
| 02/2012 | 02/2012 | 100,000 | 1,500.0 | 67 | JUVENILE | NASELLE R TR 24.0662 | | <input type="checkbox"/> |

Memo: 100,000 into Lewis and Porter Units, 50,000 into Long Island

2011 Future Brood Document Final

RFEG 8 NORTH COAST

NORTH COAST REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: BOGACHIEL R 20.0162
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 12,500 | |
| Shipping | | |
| Received | | |
| Planted | 12,500 | 8 |

Estimated Brood Data

Egg Take Goal 12,500

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2012 | 03/2012 | 12,500 | 1,500.0 | 8 | JUVENILE | BOGACHIEL R TRIBS | | <input type="checkbox"/> |

Memo: Borde Springs Project. No more than 5 pair, brood-stocked from the Bogachiel.

2011 Future Brood Document Final

ROCHESTER FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 25,000 | 0 |
| Planted | 25,000 | 17 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | SKOOKUMCHUCK HATCHRY | 25,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2012 | 03/2012 | 25,000 | 1,500.0 | 17 | JUVENILE | PRAIRIE CR 23.0729 | | <input type="checkbox"/> |

Memo: Egg tube survival study

2011 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SALMON R 21.0139
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 650,000 | 43,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2012 | 04/2012 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | | <input checked="" type="checkbox"/> |
| 04/2012 | 04/2012 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |
| 04/2012 | 04/2012 | 500,000 | 15.0 | 33,333 | JUVENILE | SALMON R 21.0139 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: QUEETS R 21.0016
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 5,000 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 08/2012 | 08/2012 | 200,000 | 40.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: US/Canada wild indicator stock.

2011 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SALMON R 21.0139
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 800,000 | |
| Shipping | | |
| Received | | |
| Planted | 650,000 | 43,333 |

Estimated Brood Data

Egg Take Goal 800,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | | <input checked="" type="checkbox"/> |
| 04/2013 | 04/2013 | 500,000 | 15.0 | 33,333 | JUVENILE | SALMON R 21.0139 | AD | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SALMON R 21.0139
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 200,000 | |
| Shipping | | |
| Received | | |
| Planted | 150,000 | 30,000 |

Estimated Brood Data

Egg Take Goal 200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2012 | 04/2012 | 115,000 | 5.0 | 23,000 | JUVENILE | SALMON R 21.0139 | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 35,000 | 5.0 | 7,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: Stock originated from Quinault Stock.

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SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER
Stock: SALMON R 21.0139
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 200,000 | |
| Shipping | | |
| Received | | |
| Planted | 150,000 | 30,000 |

Estimated Brood Data

Egg Take Goal 200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 115,000 | 5.0 | 23,000 | JUVENILE | SALMON R 21.0139 | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 35,000 | 5.0 | 7,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: Stock originated from Quinault Stock.

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2009
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 4,000 | 16,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-----|---------------|------------|-----------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 3,000 | 0.3 | 12,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 1,000 | 0.3 | 4,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 450,000 | 26,471 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2012 | 05/2012 | 450,000 | 17.0 | 26,471 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 5,000 | 1,667 |
| Planted | 4,000 | 16,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 06/2012 | 06/2012 | EELLS SPRINGS | 5,000 | 3.0 | 1,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 3,000 | 0.3 | 12,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 1,000 | 0.3 | 4,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 450,000 | |
| Shipping | 450,000 | 0 |
| Received | 200,000 | 133 |
| Planted | 200,000 | 444 |

Estimated Brood Data

Egg Take Goal 450,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|---------|--------------|------------|
| Shipped | 10/2011 | 11/2011 | BINGHAM CR HATCHERY | 450,000 | | 0 | EGGS GREEN |
| Received | 12/2011 | 01/2012 | BINGHAM CR HATCHERY | 200,000 | 1,500.0 | 133 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 03/2012 | 04/2012 | 200,000 | 450.0 | 444 | JUVENILE | SATSOP R 22.0360 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 600,000 | |
| Shipping | 600,000 | 0 |
| Received | 300,000 | 3,000 |
| Planted | 300,000 | 3,750 |

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | BINGHAM CR HATCHERY | 600,000 | | 0 | EGGS GREEN |
| Received | 04/2012 | 04/2012 | BINGHAM CR HATCHERY | 300,000 | 100.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2012 | 06/2012 | 300,000 | 80.0 | 3,750 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 500,000 | 5,000 |
| Planted | 450,000 | 26,471 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Received | 06/2012 | 06/2012 | BINGHAM CR HATCHERY | 500,000 | 100.0 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2013 | 05/2013 | 450,000 | 17.0 | 26,471 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo: Excess coho can be planted in the either Duck Lake of Vance Creek Ponds once viral samples are negative and Comanager approval is met.

2011 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 5,000 | 1,667 |
| Planted | 4,000 | 16,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 06/2013 | 06/2013 | EELLS SPRINGS | 5,000 | 3.0 | 1,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2014 | 04/2014 | 3,000 | 0.3 | 12,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2014 | 04/2014 | 1,000 | 0.3 | 4,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK DAM

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 90,000 | 2,250 |
| Planted | 75,000 | 12,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 09/2011 | 09/2011 | SKOOKUMCHUCK HATCHRY | 90,000 | 40.0 | 2,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 75,000 | 6.0 | 12,500 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK DAM

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 90,000 | 2,250 |
| Planted | 75,000 | 12,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 09/2012 | 09/2012 | SKOOKUMCHUCK HATCHRY | 90,000 | 40.0 | 2,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 75,000 | 6.0 | 12,500 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 157,500 | 6,300 |
| Received | | |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |
| Shipped | 01/2012 | 01/2012 | EIGHT CK/UPR CHEHALI | 105,000 | 25.0 | 4,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SKYKOMISH R 07.0012
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 1,520,000 | 60,800 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 01/2012 | 02/2012 | SOUTH SOUND NET PENS | 810,000 | 25.0 | 32,400 | JUVENILE |
| Shipped | 01/2012 | 02/2012 | SQUAXIN ISLAND PENS | 710,000 | 25.0 | 28,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Squaxin Island transfer has 80K AD+LV.

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 52,500 | 2,100 |
| Received | | |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2012 | 05/2012 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | 157,500 | 6,300 |
| Received | | |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 01/2013 | 01/2013 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |
| Shipped | 01/2013 | 01/2013 | EIGHT CK/UPR CHEHALI | 105,000 | 25.0 | 4,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKYKOMISH R 07.0012
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 1,520,000 | 60,800 |
| Received | 1,650,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|------|--------------|------------|
| Received | 01/2012 | 01/2012 | MARBLEMOUNT HATCHERY | 1,650,000 | | 0 | EGGS EYED |
| Shipped | 01/2013 | 02/2013 | SOUTH SOUND NET PENS | 810,000 | 25.0 | 32,400 | JUVENILE |
| Shipped | 01/2013 | 02/2013 | SQUAXIN ISLAND PENS | 710,000 | 25.0 | 28,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Squaxin Island transfer has 80K AD+LV.

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 500,000 | |
| Shipping | 367,500 | 2,100 |
| Received | | |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal 500,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------------|---------|------|--------------|------------|
| Shipped | 01/2012 | 01/2012 | CENTRALIA HS (CENTRA | 15,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | DEEP CR 23.0957 | 100,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | DILLENBAUGH CR PROJECT | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | HEIMBIGNER PROJECT | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | PEDERSEN PROJECT | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | REG 6 ED COOPS | 25,000 | | 0 | EGGS EYED |
| Shipped | 01/2012 | 01/2012 | ROCHESTER FFA | 25,000 | | 0 | EGGS EYED |
| Shipped | 01/2013 | 01/2013 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2013 | 05/2013 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 122,000 | 5,806 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 09/2011 | 09/2011 | SKOOKUMCHUCK DAM | 90,000 | 40.0 | 2,250 | JUVENILE |
| Shipped | 02/2012 | 02/2012 | EIGHT CK/UPR CHEHALI | 32,000 | 9.0 | 3,556 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: 100% sample eggs destined for NMFS Manchester.

2011 Future Brood Document Final

SKOOKUMCHUCK HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (*Oncorhynchus mykiss*)
Run: WINTER-LATE
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | 167,000 | 5,806 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 02/2012 | 02/2012 | CARLISLE LK PROJECT | 35,000 | | 0 | EGGS EYED |
| Shipped | 02/2012 | 02/2012 | EIGHT CK/UPR CHEHALI | 32,000 | 9.0 | 3,556 | JUVENILE |
| Shipped | 04/2012 | 04/2012 | MANCHESTER | 10,000 | | 0 | EGGS EYED |
| Shipped | 09/2012 | 09/2012 | SKOOKUMCHUCK DAM | 90,000 | 40.0 | 2,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: 100% sample eggs destined for NMFS Manchester.

2011 Future Brood Document Final

SNIDER CR REARING PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SOL DUC R 20.0096
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 70,000 | 933 |
| Planted | 50,000 | 10,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|---------------|------|--------------|------------|
| Received | 10/2011 | 10/2011 | SOLDUC HATCHERY | 70,000 | 75.0 | 933 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 50,000 | 5.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | LV | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SNIDER CR REARING PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SOL DUC R 20.0096
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 70,000 | 933 |
| Planted | 50,000 | 10,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|---------------|------|--------------|------------|
| Received | 10/2012 | 10/2012 | SOLDUC HATCHERY | 70,000 | 75.0 | 933 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 50,000 | 5.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | LV | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 205,000 | 10,250 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 10/2011 | 10/2011 | MORSE CREEK HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Must be maintained on regulated pathogen-free water in isolation.

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Chinook salmon (tshawytscha)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 320,000 | 32,417 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 07/2011 | 07/2011 | 70,000 | 60.0 | 1,167 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2012 | 04/2012 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2012 | 04/2012 | 30,000 | 8.0 | 3,750 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2012 | 04/2012 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo: Quileute Tribe's releases from Lonesome Creek Hatchery 70k, 50k and 30k program.

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 250,000 | 16,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2012 | 04/2012 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |
| 04/2012 | 04/2012 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 6,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 3,400 | 3,400 |
| Received | | |
| Planted | 13,825 | 5,258 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Shipped | 04/2012 | 04/2012 | BOGACHIEL HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 03/2011 | 03/2011 | 10,000 | 3.0 | 3,333 | JUVENILE | LK SUTHERLAND (CLAL) | | <input type="checkbox"/> |
| 04/2011 | 04/2011 | 3,000 | 3.0 | 1,000 | JUVENILE | WENTWORTH LK (CLAL) | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 800 | 1.0 | 800 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 25 | 0.2 | 125 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |

Memo: Kids fishing derby - Westend Sportsman Club Project. Most be held on Pathogen Free Water.

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SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: FALL
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 2,805,000 | 14,583 |
| Received | 3,300,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|-------|--------------|------------|
| Received | 11/2011 | 11/2011 | HURD CR HATCHERY | 3,300,000 | | 0 | EGGS EYED |
| Shipped | 02/2012 | 02/2012 | ELWHA HATCHERY | 2,600,000 | 600.0 | 4,333 | JUVENILE |
| Shipped | 10/2012 | 10/2012 | MORSE CREEK HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Must be maintained on regulated pathogen-free water in isolation.

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chinook salmon (tshawytscha)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 440,000 | |
| Shipping | 250,000 | 0 |
| Received | 160,000 | 1,067 |
| Planted | 320,000 | 32,417 |

Estimated Brood Data

Egg Take Goal 440,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 11/2011 | 11/2011 | LONESOME CR HATCHERY | 250,000 | | 0 | EGGS EYED |
| Received | 04/2012 | 04/2012 | LONESOME CR HATCHERY | 160,000 | 150.0 | 1,067 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 07/2012 | 07/2012 | 70,000 | 60.0 | 1,167 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |
| 03/2013 | 04/2013 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 03/2013 | 04/2013 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2013 | 04/2013 | 30,000 | 8.0 | 3,750 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo: Quileute Tribe's releases from Lonesome Creek Hatchery 70k, 50k and 30k program.

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 290,000 | |
| Shipping | | |
| Received | | |
| Planted | 250,000 | 16,667 |

Estimated Brood Data

Egg Take Goal 290,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2013 | 04/2013 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |
| 04/2013 | 04/2013 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: SUMMER
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 118,000 | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 6,667 |

Estimated Brood Data

Egg Take Goal 118,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2013 | 04/2013 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Rainbow trout (mykiss)
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 3,400 | 3,400 |
| Received | 19,000 | 380 |
| Planted | 13,825 | 5,258 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Received | 07/2012 | 07/2012 | EELLS SPRINGS | 19,000 | 50.0 | 380 | JUVENILE |
| Shipped | 04/2013 | 04/2013 | BOGACHIEL HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 03/2012 | 03/2012 | 10,000 | 3.0 | 3,333 | JUVENILE | LK SUTHERLAND (CLAL) | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 3,000 | 3.0 | 1,000 | JUVENILE | WENTWORTH LK (CLAL) | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 800 | 1.0 | 800 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |
| 04/2013 | 04/2013 | 25 | 0.2 | 125 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |

Memo: Kids fishing derby - Westend Sportsman Club Project. Most be held on Pathogen Free Water.

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SOL DUC R 20.0096
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 80,000 | |
| Shipping | 70,000 | 933 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 80,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 10/2011 | 10/2011 | SNIDER CR REARING PD | 70,000 | 75.0 | 933 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Olympic Guides Association project

2011 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2012
Species: Steelhead (Oncorhynchus mykiss)
Run: WINTER-LATE
Stock: SOL DUC R 20.0096
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 80,000 | |
| Shipping | 70,000 | 933 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 80,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 10/2012 | 10/2012 | SNIDER CR REARING PD | 70,000 | 75.0 | 933 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Olympic Guides Association project

2011 Future Brood Document Final

STONY CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Sockeye salmon (nerka)
Run: NA
Stock: OZETTE LK (20)
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 183,000 | 0 |
| Planted | 183,000 | 305 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 03/2012 | 03/2012 | MAKAH NFH ON SOOES R | 183,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 91,500 | 906.0 | 101 | JUVENILE | STONY CR 20.0058A | OT | <input type="checkbox"/> |
| 06/2012 | 06/2012 | 45,750 | 450.0 | 102 | JUVENILE | STONY CR 20.0058A | OT | <input type="checkbox"/> |
| 06/2012 | 06/2012 | 45,750 | 450.0 | 102 | JUVENILE | STONY CR 20.0058A | AD+OT | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

UMBRELLA CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Sockeye salmon (nerka)
Run: NA
Stock: OZETTE LK (20)
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 305,000 | |
| Shipping | 305,000 | 0 |
| Received | 122,000 | 0 |
| Planted | 122,000 | 268 |

Estimated Brood Data

Egg Take Goal 305,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 11/2011 | 12/2011 | MAKAH NFH ON SOOES R | 305,000 | | 0 | EGGS GREEN |
| Received | 02/2012 | 03/2012 | MAKAH NFH ON SOOES R | 122,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|---------------------|-----------|--------------------------|
| 06/2012 | 06/2012 | 122,000 | 455.0 | 268 | JUVENILE | UMBRELLA CR 20.0052 | | <input type="checkbox"/> |

Memo:

2011 Future Brood Document Final

WESTPORT NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2010
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 8,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 04/2012 | 05/2012 | 100,000 | 12.0 | 8,333 | JUVENILE | WESTPORT BOAT BASIN | AD | <input type="checkbox"/> |

Memo: Port of Grays Harbor Cooperative.

2011 Future Brood Document Final

WESTPORT NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 105,000 | 4,773 |
| Planted | 100,000 | 8,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|------|--------------|------------|
| Received | 01/2013 | 01/2013 | BINGHAM CR HATCHERY | 105,000 | 22.0 | 4,773 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 04/2013 | 05/2013 | 100,000 | 12.0 | 8,333 | JUVENILE | WESTPORT BOAT BASIN | AD | <input type="checkbox"/> |

Memo: Port of Grays Harbor Cooperative.

2011 Future Brood Document Final

WILLAPA BAY GILLNETR

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Chum salmon (keta)
Run: NA
Stock: NORTH R 24.0034
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 150,000 | 0 |
| Planted | 150,000 | 333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 03/2012 | 03/2012 | FORKS CREEK HATCHERY | 150,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2012 | 04/2012 | 150,000 | 450.0 | 333 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Project reviewed BY 2013.

2011 Future Brood Document Final

WILLAPA BAY GILLNETR

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2011
Species: Coho salmon (kisutch)
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250,000 | 0 |
| Planted | 250,000 | 167 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 01/2012 | 01/2012 | FORKS CREEK HATCHERY | 250,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 02/2012 | 02/2012 | 250,000 | 1,500.0 | 167 | JUVENILE | OXBOW CR 24.0344 | | <input type="checkbox"/> |

Memo: