

2016 Future Brood Document Final

ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
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 | 01/2017 | 01/2017 | LK ABERDEEN HATCHERY | 250 | 20.0 | 13 | JUVENILE |
| Shipped | 05/2017 | 05/2017 | 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: Program implementation is dependent on legal authority and funding.

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ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 200 | 67 |
| Received | 250 | 50 |
| 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 | 05/2017 | 05/2017 | LK ABERDEEN HATCHERY | 250 | 5.0 | 50 | JUVENILE |
| Shipped | 08/2017 | 08/2017 | LK ABERDEEN HATCHERY | 200 | 3.0 | 67 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 200 | 11 |
| Received | 1,250 | 13 |
| Planted | 750 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 04/2017 | 04/2017 | LK ABERDEEN HATCHERY | 1,000 | | 0 | EGGS EYED |
| Received | 01/2018 | 01/2018 | LK ABERDEEN HATCHERY | 250 | 20.0 | 13 | JUVENILE |
| Shipped | 05/2018 | 05/2018 | 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 |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 750 | 750.0 | 1 | JUVENILE | STEWART CR 22.0192 | | <input type="checkbox"/> |

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ABERDEEN SD 5(ABERDE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 200 | 67 |
| Received | 250 | 50 |
| 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 | 05/2018 | 05/2018 | LK ABERDEEN HATCHERY | 250 | 5.0 | 50 | JUVENILE |
| Shipped | 08/2018 | 08/2018 | LK ABERDEEN HATCHERY | 200 | 3.0 | 67 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Chinook
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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2017 | 04/2017 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

2016 Future Brood Document Final

BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 | 07/2017 | 07/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

2016 Future Brood Document Final

BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 150,000 | 17.0 | 8,824 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 133,250 | 6,046 |
| Received | 2,000 | 118 |
| 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 | 01/2017 | 01/2017 | ELMA FFA | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 01/2017 | 01/2017 | FRIENDS LANDING NP | 26,250 | 22.0 | 1,193 | JUVENILE |
| Shipped | 01/2017 | 01/2017 | WESTPORT NET PENS | 105,000 | 22.0 | 4,773 | JUVENILE |
| Received | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 03/2017 | 05/2017 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input checked="" type="checkbox"/> |
| 03/2017 | 05/2017 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | 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 | 10/2016 | 11/2016 | SATSOP SPRINGS PONDS | 450,000 | | 0 | EGGS GREEN |
| Shipped | 12/2016 | 01/2017 | 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 |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 200,000 | 450.0 | 444 | JUVENILE | SATSOP R -EF 22.0360 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 | 11/2016 | 11/2016 | SATSOP SPRINGS PONDS | 600,000 | | 0 | EGGS GREEN |
| Shipped | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 200,000 | 80.0 | 2,500 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 180,000 | |
| Shipping | 1,500 | 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 | 01/2017 | 01/2017 | LITTLEROCK ES | 500 | | 0 | EGGS GREEN |
| Shipped | 01/2017 | 01/2017 | MARY M KNIGHT ES(ELM) | 250 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | MONTESANO JHS HS | 250 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | OCEAN SHORES/CITY ES | 500 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 150,000 | 17.0 | 8,824 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,139,000 | |
| Shipping | 634,550 | 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 | 01/2017 | 01/2017 | ELMA FFA | 300 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | ELMA FFA | 1,000 | 500.0 | 2 | JUVENILE |
| Shipped | 06/2017 | 06/2017 | SATSOP SPRINGS PONDS | 500,000 | 100.0 | 5,000 | JUVENILE |
| Shipped | 01/2018 | 01/2018 | ELMA FFA | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 01/2018 | 01/2018 | FRIENDS LANDING NP | 26,250 | 22.0 | 1,193 | JUVENILE |
| Shipped | 01/2018 | 01/2018 | WESTPORT NET PENS | 105,000 | 22.0 | 4,773 | JUVENILE |
| Received | 04/2018 | 04/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 03/2018 | 05/2018 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 05/2018 | 75,000 | 17.0 | 4,412 | JUVENILE | SATSOP R -EF 22.0360 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 55,000 | 5.0 | 11,000 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. 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: 2017
Species: Steelhead
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 |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 55,000 | 5.0 | 11,000 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Excess fish into Satsop River EF

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 550 | 2,750 |
| 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 | 04/2017 | 04/2017 | SOLDUC HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby. Increased costs to be paid by P.C.S.C. Fish planted are remainder from Derby. Leftover Derby fish planted into Bogachiel South Pond.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,950 | 6,150 |
| Planted | 3,300 | 4,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------------|-----|--------------|------------|
| Received | 04/2017 | 04/2017 | SOLDUC HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |
| Received | 04/2018 | 04/2018 | SOLDUC HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 3,000 | 1.0 | 3,000 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 300 | 0.3 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby. Increased costs to be paid by P.C.S.C. Fish planted are remainder from Derby. Leftover Derby fish planted into Bogachiel South Pond.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,950 | 6,150 |
| Planted | 3,300 | 4,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------------|-----|--------------|------------|
| Received | 04/2018 | 04/2018 | SOLDUC HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |
| Received | 04/2019 | 04/2019 | SOLDUC HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 3,000 | 1.0 | 3,000 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 300 | 0.3 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby. Increased costs to be paid by P.C.S.C. Fish planted are remainder from Derby. Leftover Derby fish planted into Bogachiel South Pond.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Summer
Stock: BOGACHIEL HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 6,000 |

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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 30,000 | 5.0 | 6,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Eggs taken mid-November thru December. 100% Sample.

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BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: BOGACHIEL HATCHERY
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 |
|------------|----------|----------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 100,000 | 5.0 | 20,000 | JUVENILE | BOGACHIEL R 20.0162 | AD | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 50,000 | 5.0 | 10,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Adults must be 100% virus tested. Cooperative with Quileute Tribe.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter-Late
Stock: BOGACHIEL R 20.0162
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 30,000 | 429 |
| Received | 30,000 | 4,286 |
| Planted | 25,000 | 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 |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Shipped | 11/2016 | 11/2016 | SOLDUC HATCHERY | 30,000 | 70.0 | 429 | JUVENILE |
| Received | 04/2017 | 04/2017 | SOLDUC HATCHERY | 30,000 | 7.0 | 4,286 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 25,000 | 5.0 | 5,000 | JUVENILE | BOGACHIEL R 20.0162 | AD+LV | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Snider Creek program replacement.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Summer
Stock: BOGACHIEL HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 60,000 | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 6,000 |

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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 30,000 | 5.0 | 6,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Eggs taken mid-November thru December. 100% Sample.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: BOGACHIEL HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 275,000 | |
| Shipping | 100,000 | 0 |
| Received | 80,000 | 533 |
| Planted | 150,000 | 30,000 |

Estimated Brood Data

Egg Take Goal 275,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 02/2017 | 02/2017 | LONESOME CR HATCHERY | 100,000 | | 0 | EGGS EYED |
| Received | 07/2017 | 07/2017 | LONESOME CR HATCHERY | 80,000 | 150.0 | 533 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 100,000 | 5.0 | 20,000 | JUVENILE | BOGACHIEL R 20.0162 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 50,000 | 5.0 | 10,000 | JUVENILE | CALAWAH R 20.0175 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Adults must be 100% virus tested. Cooperative with Quileute Tribe.

2016 Future Brood Document Final

BOGACHIEL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter-Late
Stock: BOGACHIEL R 20.0162
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 30,000 | 429 |
| Received | 62,000 | 4,286 |
| Planted | 25,000 | 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 |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2017 | 03/2017 | SOLDUC HATCHERY | 32,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 11/2017 | SOLDUC HATCHERY | 30,000 | 70.0 | 429 | JUVENILE |
| Received | 04/2018 | 04/2018 | SOLDUC HATCHERY | 30,000 | 7.0 | 4,286 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 25,000 | 5.0 | 5,000 | JUVENILE | BOGACHIEL R 20.0162 | AD+LV | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Snider Creek program replacement.

2016 Future Brood Document Final

BUZZARD CR COOP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 05/2016 | 06/2016 | 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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 25,000 | 12.0 | 2,083 | JUVENILE | CHEHALIS R 22.0190 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Released into Buzzard Creek.

2016 Future Brood Document Final

BUZZARD CR COOP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 11/2016 | 11/2016 | MAYR BROTHERS REARIN | 35,000 | | 0 | EGGS GREEN |
| Received | 05/2017 | 06/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2018 | 04/2018 | 25,000 | 12.0 | 2,083 | JUVENILE | CHEHALIS R 22.0190 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Released into Buzzard Creek.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2017 | 05/2017 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2018 | 01/2018 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2018 | 01/2018 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2018 | 05/2018 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter-Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 30,000 | 1,500 |

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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 10/2016 | 10/2016 | 25,000 | 25.0 | 1,000 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 5,000 | 10.0 | 500 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
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 | 1,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 02/2017 | 02/2017 | SKOOKUMCHUCK HATCHERY | 35,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 10/2017 | 10/2017 | 25,000 | 25.0 | 1,000 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 5,000 | 10.0 | 500 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

CHALAAT CR HATCHERY

HOH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: QUINAULT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | 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 | 02/2017 | 02/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------|-----------|-------------------------------------|
| 04/2017 | 04/2017 | 5,000 | 7.0 | 714 | JUVENILE | HOH R 20.0422 | AD | <input checked="" type="checkbox"/> |
| 04/2017 | 05/2017 | 45,000 | 7.0 | 6,429 | JUVENILE | HOH R 20.0422 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

CHALAAT CR HATCHERY

HOH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: QUINAULT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | 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 | 02/2018 | 02/2018 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 5,000 | 7.0 | 714 | JUVENILE | HOH R 20.0422 | AD | <input checked="" type="checkbox"/> |
| 04/2018 | 05/2018 | 45,000 | 7.0 | 6,429 | JUVENILE | HOH R 20.0422 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

DEEP CR 23.0957

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | SKOOKUMCHUCK HATCHERY | 100,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 03/2017 | 03/2017 | 45,000 | 1,500.0 | 30 | JUVENILE | GABLE CR 23.0959 | | <input type="checkbox"/> |
| 03/2017 | 03/2017 | 45,000 | 1,500.0 | 30 | JUVENILE | TAPP CR 23.0958 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: TSOO-YESS R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 | 03/2017 | 03/2017 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 40,000 | 15.0 | 2,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: TSOO-YESS R 20.0015
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100,000 | 400 |
| 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 | 05/2017 | 05/2017 | MAKAH NFH ON TSOO-YESS R | 100,000 | 250.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2018 | 06/2018 | 100,000 | 55.0 | 1,818 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: TSOO-YESS R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 | 03/2018 | 03/2018 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 40,000 | 15.0 | 2,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: TSOO-YESS 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 | 04/2017 | 04/2017 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 22,000 | 6.0 | 3,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: TSOO-YESS 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 | 04/2018 | 04/2018 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 22,000 | 6.0 | 3,667 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 100,000 | 15.0 | 6,667 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2018 | 01/2018 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 100,000 | 15.0 | 6,667 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Part of Skookumchuck Mitigation Agreement.

2016 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 | 02/2017 | 02/2017 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 32,000 | 5.0 | 6,400 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

EIGHT CK/UPR CHEHALI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
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 | 02/2018 | 02/2018 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 32,000 | 5.0 | 6,400 | JUVENILE | EIGHT CR 23.1117 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,000 | 118 |
| Received | 2,000 | 80 |
| 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 | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|--------|

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,050 | 105 |
| 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 | 10/2016 | 10/2016 | EELLS SPRINGS | 1,050 | 10.0 | 105 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 1,000 | 3.0 | 333 | JUVENILE | ELMA PDS (GRAY) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 300 | | 0 | EGGS EYED |
| Received | 03/2017 | 03/2017 | BINGHAM CR HATCHERY | 1,000 | 500.0 | 2 | JUVENILE |
| Received | 01/2018 | 01/2018 | BINGHAM CR HATCHERY | 2,000 | 25.0 | 80 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | 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 |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 1,000 | 167.0 | 6 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ELMA FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,050 | 105 |
| 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 | 10/2017 | 10/2017 | EELLS SPRINGS | 1,050 | 10.0 | 105 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 1,000 | 3.0 | 333 | JUVENILE | ELMA PDS (GRAY) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 100,000 | 17.0 | 5,882 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Backfill for Naselle.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|---------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2017 | 04/2017 | 50,000 | 17.0 | 2,941 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 03/2017 | 04/2017 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | | <input checked="" type="checkbox"/> |
| 03/2017 | 04/2017 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,000 | 400 |
| Planted | 4,000 | 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 | 10/2016 | 10/2016 | 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 |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 3,000 | 2.0 | 1,500 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 10/2017 | 10/2017 | 1,000 | 0.5 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: NORTH R 24.0034
Brood Origin: MIXED
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 | 03/2017 | 03/2017 | RFEG 10 WILLAPA BAY | 50,000 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | 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: Program implementation is dependent on legal authority and funding. Eggs from Bitter Creek. Parents 100% virus tested.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: WILLAPA R 24.0251
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 |
|------------|----------|----------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 300,000 | 450.0 | 667 | JUVENILE | FORK CR 24.0356 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. 300k max release from Adult volunteers to hatchery trap.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 385,000 | |
| Shipping | | |
| Received | | |
| Planted | 350,000 | 4,375 |

Estimated Brood Data

Egg Take Goal 385,000

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 |
|------------|----------|----------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2017 | 06/2017 | 100,000 | 80.0 | 1,250 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |
| 05/2017 | 06/2017 | 250,000 | 80.0 | 3,125 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Able to ship backfill eggs to Naselle or to Nemah with HxH only. Able to receive backfill from either Nemah or Naselle.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 350,000 | |
| Shipping | 200,000 | 0 |
| Received | | |
| Planted | 100,000 | 5,882 |

Estimated Brood Data

Egg Take Goal 350,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Shipped | 01/2017 | 01/2017 | PACIFIC CO ANGLERS | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 100,000 | 17.0 | 5,882 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Backfill for Naselle.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,100,000 | |
| Shipping | 750,000 | 0 |
| Received | | |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal 1,100,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 01/2017 | 01/2017 | WILLAPA BAY GILLNETR | 250,000 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | RFEG 10 WILLAPA BAY | 500,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2018 | 04/2018 | 50,000 | 17.0 | 2,941 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 03/2018 | 04/2018 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 04/2018 | 75,000 | 17.0 | 4,412 | JUVENILE | FORK CR 24.0356 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,000 | 400 |
| Planted | 4,000 | 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 | 10/2017 | 10/2017 | 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 |
|------------|----------|--------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 3,000 | 2.0 | 1,500 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 10/2018 | 10/2018 | 1,000 | 0.5 | 2,000 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 25,000 | 2,500 |
| Received | | |
| Planted | 40,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 01/2017 | 01/2017 | PACIFIC CO ANGLERS | 15,000 | 10.0 | 1,500 | JUVENILE |
| Shipped | 01/2017 | 01/2017 | RFEG 10 WILLAPA BAY | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 40,000 | 5.0 | 8,000 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish volitionally at 5-6 fpp. Backfill for Naselle.

2016 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 225,000 | |
| Shipping | 25,000 | 2,500 |
| Received | | |
| Planted | 40,000 | 8,000 |

Estimated Brood Data

Egg Take Goal 225,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 01/2018 | 01/2018 | PACIFIC CO ANGLERS | 15,000 | 10.0 | 1,500 | JUVENILE |
| Shipped | 01/2018 | 01/2018 | RFEG 10 WILLAPA BAY | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 40,000 | 5.0 | 8,000 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish volitionally at 5-6 fpp. Backfill for Naselle.

2016 Future Brood Document Final

FRIENDS LANDING NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 25,000 | 15.0 | 1,667 | JUVENILE | QUIGG LAKE (GRAY) | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

FRIENDS LANDING NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 25,000 | 15.0 | 1,667 | JUVENILE | QUIGG LAKE (GRAY) | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

GRAYS HARBOR COLLEGE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 4,000 | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 4,000 | 20.0 | 200 | JUVENILE | ALDER CR 22.1215 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Backfill will be from Lk Aberdeen if no Broodstock returns to the college. Program started with BY 2015.

2016 Future Brood Document Final

GRAYS HARBOR COLLEGE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 7,500 | |
| Shipping | | |
| Received | 5,000 | 0 |
| Planted | 4,000 | 200 |

Estimated Brood Data

Egg Take Goal 7,500

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | LK ABERDEEN HATCHERY | 5,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 4,000 | 20.0 | 200 | JUVENILE | ALDER CR 22.1215 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Backfill will be from Lk Aberdeen if no Broodstock returns to the college. Program started with BY 2015.

2016 Future Brood Document Final

GRAYS HARBOR GILLNET

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100,000 | 0 |
| Planted | 100,000 | 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 | 12/2016 | 01/2017 | MAYR BROTHERS REARIN | 100,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 100,000 | 300.0 | 333 | JUVENILE | HOQUIAM R-EF 22.0138 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HEIMBIGNER PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 90 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | SKOOKUMCHUCK 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 |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 02/2017 | 02/2017 | 45,000 | 500.0 | 90 | JUVENILE | STEARNS CR 23.0934 | UM | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HILLTOP ES (ILWACO)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250 | 0 |
| Planted | 200 | 0 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | NASELLE HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 200 | 500.0 | 0 | JUVENILE | BEAR R 24.0689 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2017 | 05/2017 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: Late
Stock: HUMPTULIPS R 22.0004
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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 100,000 | 15.0 | 6,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 400,000 | 26,667 |

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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 400,000 | 15.0 | 26,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 1,000 |
| Planted | 9,500 | 4,100 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2016 | 10/2016 | EELLS SPRINGS | 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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 2,000 | 2.5 | 800 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 7,000 | 2.5 | 2,800 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |
| 04/2018 | 05/2018 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2018 | 05/2018 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 |
|------------|----------|----------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 500,000 | 70.0 | 7,143 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 125,000 | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 6,667 |

Estimated Brood Data

Egg Take Goal 125,000

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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 100,000 | 15.0 | 6,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 450,000 | |
| Shipping | | |
| Received | | |
| Planted | 400,000 | 26,667 |

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 |
|---------------------|------------|----------|----------|--------|-----|--------------|------------|
|---------------------|------------|----------|----------|--------|-----|--------------|------------|

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|--------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 400,000 | 15.0 | 26,667 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 10,000 | 1,000 |
| Planted | 9,500 | 4,100 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | EELLS SPRINGS | 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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 2,000 | 2.5 | 800 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 7,000 | 2.5 | 2,800 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |
| 04/2019 | 05/2019 | 200 | 1.0 | 200 | JUVENILE | DUCK LK (1) (GRAY) | | <input type="checkbox"/> |
| 04/2019 | 05/2019 | 300 | 1.0 | 300 | JUVENILE | FAILOR LK (GRAY) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Summer
Stock: HUMPTULIPS HATCHERY
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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 30,000 | 6.0 | 5,000 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Plant excess into Duck Lk (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: HUMPTULIPS HATCHERY
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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 125,000 | 6.0 | 20,833 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish released at 6-7 fpp.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Summer
Stock: HUMPTULIPS HATCHERY
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 |
|------------|----------|---------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 30,000 | 6.0 | 5,000 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Plant excess into Duck Lk (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: HUMPTULIPS HATCHERY
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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 125,000 | 6.0 | 20,833 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish released at 6-7 fpp.

2016 Future Brood Document Final

JOHNSON CR PROJECT -RSI

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 50,000 | 1,500.0 | 33 | JUVENILE | JOHNSON CR 24.0581 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Remote Site Incubator Project. May come from local stocks via broodstocking.

2016 Future Brood Document Final

LINCOLN ES(HOQUIAM)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250 | 0 |
| Planted | 225 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | MAYR BROTHERS REARIN | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 03/2017 | 225 | 250.0 | 1 | JUVENILE | HOQUIAM R 22.0137 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LITTLE ROCK ES

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 500 | 0 |
| Planted | 400 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 500 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 400 | 500.0 | 1 | JUVENILE | BEAVER CR 23.0667 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
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 | 01/2017 | 01/2017 | ABERDEEN SD 5(ABERDE | 250 | 20.0 | 13 | JUVENILE |
| Received | 05/2017 | 05/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 30,000 | 15.0 | 2,000 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Transfer to Grays Harbor CC only if not broodstock retruns to the college.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 250 | 50 |
| Received | 20,200 | 2,067 |
| Planted | 19,500 | 10,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 10/2016 | 10/2016 | EELLS SPRINGS | 20,000 | 10.0 | 2,000 | JUVENILE |
| Shipped | 05/2017 | 05/2017 | ABERDEEN SD 5(ABERDE | 250 | 5.0 | 50 | JUVENILE |
| Received | 08/2017 | 08/2017 | ABERDEEN SD 5(ABERDE | 200 | 3.0 | 67 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 17,000 | 3.0 | 5,667 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2018 | 05/2018 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: WYNOOCHEE R 22.0260
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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 50,000 | 90.0 | 556 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 50,000 | |
| Shipping | 6,250 | 13 |
| Received | 200 | 11 |
| 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 | 01/2017 | 01/2017 | GRAYS HARBOR COLLEGE | 5,000 | | 0 | EGGS EYED |
| Shipped | 04/2017 | 04/2017 | ABERDEEN SD 5(ABERDE | 1,000 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | ABERDEEN SD 5(ABERDE | 250 | 20.0 | 13 | JUVENILE |
| Received | 05/2018 | 05/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 30,000 | 15.0 | 2,000 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Transfer to Grays Harbor CC only if not broodstock retruns to the college.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 250 | 50 |
| Received | 20,200 | 2,067 |
| Planted | 19,500 | 10,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | EELLS SPRINGS | 20,000 | 10.0 | 2,000 | JUVENILE |
| Shipped | 05/2018 | 05/2018 | ABERDEEN SD 5(ABERDE | 250 | 5.0 | 50 | JUVENILE |
| Received | 08/2018 | 08/2018 | ABERDEEN SD 5(ABERDE | 200 | 3.0 | 67 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 17,000 | 3.0 | 5,667 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2019 | 05/2019 | 2,500 | 0.5 | 5,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Summer
Stock: LK ABERDEEN HATCHERY
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 |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 60,000 | 5.0 | 12,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Plant excess into Vance Creek Ponds (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 170,000 | 5.0 | 34,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Mitigation. Plant excess into Vance Creek Ponds (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Summer
Stock: LK ABERDEEN HATCHERY
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 |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 60,000 | 5.0 | 12,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Plant excess into Vance Creek Ponds (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
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 |
|------------|----------|----------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 170,000 | 5.0 | 34,000 | JUVENILE | WYNOOCHEE R 22.0260 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Mitigation. Plant excess into Vance Creek Ponds (Grays Harbor) Yearly testing for detection of regulated pathogens and obtain exemption from SDCP and co-managers.

2016 Future Brood Document Final

LONESOME CR HATCHERY

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 | 11/2016 | 11/2016 | SOLDUC HATCHERY | 250,000 | | 0 | EGGS EYED |
| Shipped | 04/2017 | 04/2017 | SOLDUC HATCHERY | 160,000 | 150.0 | 1,067 | JUVENILE |
| Shipped | 07/2017 | 07/2017 | 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 water 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 Duc.

2016 Future Brood Document Final

LONESOME CR HATCHERY

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: BOGACHIEL HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 80,000 | 533 |
| Received | 100,000 | 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 | 02/2017 | 02/2017 | BOGACHIEL HATCHERY | 100,000 | | 0 | EGGS EYED |
| Shipped | 07/2017 | 07/2017 | BOGACHIEL HATCHERY | 80,000 | 150.0 | 533 | JUVENILE |

Estimated Release Data

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

Memo: Cooperative with WDFW.

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: TSOO-YESS R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 40,000 | 2,222 |
| Received | | |
| Planted | 200,000 | 11,112 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 03/2017 | 03/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2017 | 05/2017 | 145,000 | 18.0 | 8,056 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input type="checkbox"/> |
| 05/2017 | 05/2017 | 55,000 | 18.0 | 3,056 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input checked="" type="checkbox"/> |

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

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: TSOO-YESS R 20.0015
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,700,000 | |
| Shipping | 100,000 | 400 |
| Received | | |
| Planted | 2,200,000 | 29,334 |

Estimated Brood Data

Egg Take Goal 2,700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 05/2017 | 05/2017 | EDUCKET CR HATCHERY | 100,000 | 250.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2017 | 05/2017 | 2,000,000 | 75.0 | 26,667 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input type="checkbox"/> |
| 05/2017 | 05/2017 | 200,000 | 75.0 | 2,667 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input checked="" type="checkbox"/> |

Memo:

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: TSOO-YESS R 20.0015
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 450,000 | |
| Shipping | 40,000 | 2,222 |
| Received | | |
| Planted | 200,000 | 11,112 |

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 | 03/2018 | 03/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 145,000 | 18.0 | 8,056 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 55,000 | 18.0 | 3,056 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input checked="" type="checkbox"/> |

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

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: TSOO-YESS 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 | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 158,000 | 5.5 | 28,727 | JUVENILE | TSOO-YESS R 20.0015 | | <input type="checkbox"/> |

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

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Sockeye
Run: NA
Stock: OZETTE LK (20)
Brood Origin: MIXED
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 | 11/2016 | 12/2016 | UMBRELLA CR HATCHERY | 305,000 | | 0 | EGGS GREEN |
| Shipped | 02/2017 | 02/2017 | UMBRELLA CR HATCHERY | 122,000 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | 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.

2016 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R
 U.S. FISH AND WILDLIFE SERVICE
 COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: TSOO-YESS 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 | 04/2018 | 04/2018 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 158,000 | 5.5 | 28,727 | JUVENILE | TSOO-YESS R 20.0015 | | <input type="checkbox"/> |

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

2016 Future Brood Document Final

MARY M KNIGHT ES(ELM)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250 | 0 |
| Planted | 225 | 0 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 225 | 500.0 | 0 | JUVENILE | DECKER CR 22.0445 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 05/2016 | 06/2016 | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 300,000 | 17.0 | 17,647 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
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 |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 100,000 | 450.0 | 222 | JUVENILE | WISHKAH R 22.0191 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2017 | 05/2017 | 200,000 | 80.0 | 2,500 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 601,000 | |
| Shipping | 125,250 | 1,000 |
| Received | 35,000 | 0 |
| Planted | 300,000 | 17,647 |

Estimated Brood Data

Egg Take Goal 601,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2016 | 11/2016 | BUZZARD CR COOP | 35,000 | | 0 | EGGS GREEN |
| Shipped | 12/2016 | 01/2017 | GRAYS HARBOR GILLNET | 100,000 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | LINCOLN ES(HOQUIAM) | 250 | | 0 | EGGS EYED |
| Shipped | 05/2017 | 06/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 300,000 | 17.0 | 17,647 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

MONTESANO JHS HS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250 | 0 |
| Planted | 225 | 0 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 225 | 500.0 | 0 | JUVENILE | SYLVIA CR 22.0261 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NAPAVINE JHS HS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 375 | 0 |
| Planted | 370 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 03/2017 | 03/2017 | SKOOKUMCHUCK HATCHERY | 375 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 370 | 500.0 | 1 | JUVENILE | ALLEN CR 23.0883 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: Late
Stock: NASELLE R 24.0543
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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 200,000 | 17.0 | 11,765 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Forks Creek Hatchery is backup egg source in short years.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 1,200,000 | 17.0 | 70,588 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
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 |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 300,000 | 450.0 | 667 | JUVENILE | NASELLE R 24.0543 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May come from local stocks via brood stocking. Backfill with Nemah if needed.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,750,000 | |
| Shipping | | |
| Received | | |
| Planted | 2,500,000 | 31,250 |

Estimated Brood Data

Egg Take Goal 2,750,000

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 |
|------------|----------|------------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2017 | 06/2017 | 100,000 | 80.0 | 1,250 | JUVENILE | NASELLE R 24.0543 | AD | <input checked="" type="checkbox"/> |
| 04/2017 | 06/2017 | 2,400,000 | 80.0 | 30,000 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May receive backfill eggs from Forks or Nemah. May ship backfill eggs to Forks or HxH eggs to Nemah.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 425,000 | |
| Shipping | 200,250 | 0 |
| Received | | |
| Planted | 200,000 | 11,765 |

Estimated Brood Data

Egg Take Goal 425,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-----|--------------|------------|
| Shipped | 01/2017 | 01/2017 | HILLTOP ES (ILWACO) | 250 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | RFEG 10 WILLAPA BAY | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2018 | 04/2018 | 200,000 | 17.0 | 11,765 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Forks Creek Hatchery is backup egg source in short years.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,660,000 | |
| Shipping | 250,000 | 0 |
| Received | | |
| Planted | 1,200,000 | 70,588 |

Estimated Brood Data

Egg Take Goal 1,660,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|---------|-----|--------------|------------|
| Shipped | 01/2017 | 01/2017 | JOHNSON CR PROJECT -RSI | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | RFEG 10 WILLAPA BAY | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 1,200,000 | 17.0 | 70,588 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: NASELLE HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 75,000 | 13,636 |

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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 75,000 | 5.5 | 13,636 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish volitionally released 5 - 6 fpp. May backfill from Forks.

2016 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: NASELLE HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 100,000 | |
| Shipping | | |
| Received | | |
| Planted | 75,000 | 13,636 |

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 |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 75,000 | 5.5 | 13,636 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Fish volitionally released 5 - 6 fpp. May backfill from Forks.

2016 Future Brood Document Final

NASELLE YOUTH CAMP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 150 | 500 |
| 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 | 04/2017 | 04/2017 | NEMAH HATCHERY | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish transferred to and planted by Nemah Hatchery.

2016 Future Brood Document Final

NASELLE YOUTH CAMP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,150 | 1,300 |
| Received | 2,300 | 230 |
| 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 | 10/2016 | 10/2016 | EELLS SPRINGS | 2,300 | 10.0 | 230 | JUVENILE |
| Shipped | 04/2017 | 04/2017 | NEMAH HATCHERY | 2,000 | 2.5 | 800 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | NEMAH HATCHERY | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish transferred to and planted by Nemah Hatchery.

2016 Future Brood Document Final

NASELLE YOUTH CAMP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 2,150 | 1,300 |
| Received | 2,300 | 230 |
| 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 | 10/2017 | 10/2017 | EELLS SPRINGS | 2,300 | 10.0 | 230 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | NEMAH HATCHERY | 2,000 | 2.5 | 800 | JUVENILE |
| Shipped | 04/2019 | 04/2019 | NEMAH HATCHERY | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish transferred to and planted by Nemah Hatchery.

2016 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 150 | 500 |
| Planted | 150 | 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 | 04/2017 | 04/2017 | NASELLE YOUTH CAMP | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2017 | 06/2017 | 150 | 0.3 | 500 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,150 | 1,300 |
| Planted | 21,150 | 8,900 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------------|-----|--------------|------------|
| Received | 04/2017 | 04/2017 | NASELLE YOUTH CAMP | 2,000 | 2.5 | 800 | JUVENILE |
| Received | 04/2018 | 04/2018 | NASELLE YOUTH CAMP | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 19,000 | 2.5 | 7,600 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 04/2017 | 06/2017 | 2,000 | 2.5 | 800 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 04/2018 | 06/2018 | 150 | 0.3 | 500 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: NEMAH R 24.0460
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 |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 300,000 | 450.0 | 667 | JUVENILE | N NEMAH R TR 24.0498 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Brood stock from N.Nemah and Williams Creek.

2016 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: NEMAH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 3,700,000 | |
| Shipping | | |
| Received | | |
| Planted | 3,300,000 | 41,250 |

Estimated Brood Data

Egg Take Goal 3,700,000

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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2017 | 06/2017 | 200,000 | 80.0 | 2,500 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input checked="" type="checkbox"/> |
| 04/2017 | 06/2017 | 200,000 | 80.0 | 2,500 | JUVENILE | NORTH NEMAH R24.0460 | | <input checked="" type="checkbox"/> |
| 04/2017 | 06/2017 | 2,900,000 | 80.0 | 36,250 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May receive backfill eggs from Forks Cr or Naselle HxH only. Able to ship backfill eggs to Naselle and Forks.

2016 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 22,150 | 3,300 |
| Planted | 21,150 | 8,900 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | EELLS SPRINGS | 20,000 | 10.0 | 2,000 | JUVENILE |
| Received | 04/2018 | 04/2018 | NASELLE YOUTH CAMP | 2,000 | 2.5 | 800 | JUVENILE |
| Received | 04/2019 | 04/2019 | NASELLE YOUTH CAMP | 150 | 0.3 | 500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 19,000 | 2.5 | 7,600 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 04/2018 | 06/2018 | 2,000 | 2.5 | 800 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |
| 04/2019 | 06/2019 | 150 | 0.3 | 500 | JUVENILE | PACIFIC CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

OCEAN SHORES/CITY ES

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 500 | 0 |
| Planted | 475 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | BINGHAM CR HATCHERY | 500 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 475 | 500.0 | 1 | JUVENILE | DAMON CR 22.0033 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

OLYMPIC ES (CHEHALIS)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 375 | 0 |
| Planted | 370 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 03/2017 | 03/2017 | SKOOKUMCHUCK HATCHERY | 375 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 370 | 500.0 | 1 | JUVENILE | NEWAUKUM R 23.0882 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,868 | 541 |
| Planted | 4,868 | 2,434 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2017 | 01/2017 | MOSSYROCK HATCHERY | 4,868 | 9.0 | 541 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 4,868 | 2.0 | 2,434 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 4,868 | 541 |
| Planted | 4,868 | 2,434 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | MOSSYROCK HATCHERY | 4,868 | 9.0 | 541 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 4,868 | 2.0 | 2,434 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 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 | 01/2017 | 01/2017 | FORKS CREEK HATCHERY | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|---------------------|-----------|--------------------------|
| 01/2017 | 01/2017 | 50,000 | 1,500.0 | 33 | JUVENILE | MILL CR 24.0322 | | <input type="checkbox"/> |
| 01/2017 | 01/2017 | 50,000 | 1,500.0 | 33 | JUVENILE | STRINGER CR 24.0339 | | <input type="checkbox"/> |
| 01/2017 | 01/2017 | 50,000 | 1,500.0 | 33 | JUVENILE | WALKER CR 24.0369 | | <input type="checkbox"/> |
| 01/2017 | 01/2017 | 50,000 | 1,500.0 | 33 | JUVENILE | WILLAPA R 24.0251 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Remote Site Incubator Project.

2016 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 15,000 | 5.5 | 2,727 | JUVENILE | STRINGER CR 24.0339 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Allow acclimation to middle section of the Willapa River. Volitional release

2016 Future Brood Document Final

PACIFIC CO ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
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 | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 15,000 | 5.5 | 2,727 | JUVENILE | STRINGER CR 24.0339 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Allow acclimation to middle section of the Willapa River. Volitional release

2016 Future Brood Document Final

PEDERSEN PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | SKOOKUMCHUCK 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 |
|------------|----------|-------------|---------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 45,000 | 1,500.0 | 30 | JUVENILE | NEWAUKUM R-NF23.0887 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 | 11/2016 | 12/2016 | 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 |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 09/2017 | 09/2017 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | | <input checked="" type="checkbox"/> |
| 09/2017 | 09/2017 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | AD | <input checked="" type="checkbox"/> |

Memo:

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QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: QUINAULT 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 | 09/2016 | 09/2016 | QUINAULT 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 |
|------------|----------|-------------|-----|--------------|------------|--------------------|-----------|-------------------------------------|
| 04/2017 | 04/2017 | 165,000 | 5.0 | 33,000 | JUVENILE | QUINAULT LK (GRAY) | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 35,000 | 5.0 | 7,000 | JUVENILE | QUINAULT LK (GRAY) | AD | <input checked="" type="checkbox"/> |

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

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QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Sockeye
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 |
|------------|----------|-------------|---------|--------------|------------|--------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 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.

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QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: QUINAULT 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 |
|------------|----------|----------------|-----|---------------|------------|--------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 35,000 | 5.0 | 7,000 | JUVENILE | QUINAULT LK (GRAY) | AD | <input checked="" type="checkbox"/> |
| 04/2018 | 04/2018 | 165,000 | 5.0 | 33,000 | JUVENILE | QUINAULT LK (GRAY) | | <input type="checkbox"/> |

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

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QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 05/2017 | 05/2017 | 580,000 | 18.0 | 32,222 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 05/2017 | 05/2017 | 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 Quinault R. Tribs as fry.

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QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
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 |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 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.

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QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 | 11/2016 | 12/2016 | 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.

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QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 660,000 | 36,666 |

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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 580,000 | 18.0 | 32,222 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 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 Quinault R. Tribs as fry.

2016 Future Brood Document Final

QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: QUINAULT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 5,000 |
| Received | | |
| Planted | 200,000 | 33,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 09/2016 | 09/2016 | QUINAULT LK HATCHERY | 100,000 | 60.0 | 1,667 | JUVENILE |
| Shipped | 02/2017 | 02/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2017 | 05/2017 | 180,000 | 6.0 | 30,000 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 05/2017 | 05/2017 | 20,000 | 6.0 | 3,333 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |

Memo: Fish planted upstream of hatchery to utilize vacant habitat.

2016 Future Brood Document Final

QUINAULT NFH -COOK C

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: QUINAULT R 21.0398
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 3,333 |
| Received | | |
| Planted | 200,000 | 33,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 02/2018 | 02/2018 | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 180,000 | 6.0 | 30,000 | JUVENILE | COOK CR 21.0429 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 20,000 | 6.0 | 3,333 | JUVENILE | COOK CR 21.0429 | AD | <input checked="" type="checkbox"/> |

Memo: Fish planted upstream of hatchery to utilize vacant habitat.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: NORTH R 24.0034
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | 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 | 03/2017 | 03/2017 | 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 |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 50,000 | 450.0 | 111 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Eggs from Bitter Creek. Parents 100% virus tested.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 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 | 01/2017 | 01/2017 | NASELLE HATCHERY | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|----------------------|-----------|--------------------------|
| 02/2017 | 02/2017 | 200,000 | 1,500.0 | 133 | JUVENILE | NASELLE R TR 24.0662 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 500,000 | 0 |
| Planted | 470,000 | 313 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Received | 03/2017 | 03/2017 | FORKS CREEK HATCHERY | 500,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 200,000 | 1,500.0 | 133 | JUVENILE | MILL CR 24.0322 | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 270,000 | 1,500.0 | 180 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 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 | 01/2017 | 01/2017 | NASELLE HATCHERY | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|----------------------|-----------|--------------------------|
| 02/2017 | 02/2017 | 200,000 | 1,500.0 | 133 | JUVENILE | NASELLE R TR 24.0662 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 10,000 | 5.0 | 2,000 | JUVENILE | NORTH R 24.0034 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. North River Pond.

2016 Future Brood Document Final

RFEG 10 WILLAPA BAY

WILLAPA BAY REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter
Stock: FORKS CREEK HATCHERY
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 | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 10,000 | 5.0 | 2,000 | JUVENILE | NORTH R 24.0034 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. North River Pond.

2016 Future Brood Document Final

RFEG 8 NORTH COAST

NORTH COAST REGIONAL ENHANCEMENT GROUP

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 |
|------------|----------|-------------|---------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2017 | 03/2017 | 12,500 | 1,500.0 | 8 | JUVENILE | BOGACHIEL R TRIBS | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Borde Springs Project. No more than 5 pair, brood-stocked from the Bogachiel. Backfill from Sol Duc if needed.

2016 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2017 | 04/2017 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | | <input checked="" type="checkbox"/> |
| 04/2017 | 04/2017 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |
| 04/2017 | 04/2017 | 500,000 | 15.0 | 33,333 | JUVENILE | SALMON R 21.0139 | AD | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: QUEETS R 21.0016
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 08/2017 | 08/2017 | 200,000 | 40.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: US/Canada wild indicator stock.

2016 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | | <input checked="" type="checkbox"/> |
| 04/2018 | 04/2018 | 500,000 | 15.0 | 33,333 | JUVENILE | SALMON R 21.0139 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 75,000 | 15.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo:

2016 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2017 | 04/2017 | 115,000 | 5.0 | 23,000 | JUVENILE | SALMON R 21.0139 | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 35,000 | 5.0 | 7,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: Stock originated from Quinault Stock.

2016 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
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 |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 115,000 | 5.0 | 23,000 | JUVENILE | SALMON R 21.0139 | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 35,000 | 5.0 | 7,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: Stock originated from Quinault Stock.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 6,000 | 24,000 |

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 |
|------------|----------|--------------|-----|---------------|------------|-----------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 4,000 | 0.3 | 16,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 2,000 | 0.3 | 8,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 03/2017 | 05/2017 | 450,000 | 17.0 | 26,471 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Excess coho can be planted in the either Duck Lake or Vance Crk Ponds once viral samples are negative and Co-manager approval is met.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 7,000 | 2,800 |
| Planted | 6,000 | 24,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 06/2017 | 06/2017 | EELLS SPRINGS | 7,000 | 2.5 | 2,800 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 4,000 | 0.3 | 16,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 2,000 | 0.3 | 8,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
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 | 182 |

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 | 10/2016 | 11/2016 | BINGHAM CR HATCHERY | 450,000 | | 0 | EGGS GREEN |
| Received | 12/2016 | 01/2017 | 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 |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 03/2017 | 04/2017 | 200,000 | 1,100.0 | 182 | JUVENILE | SATSOP R 22.0360 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 | 11/2016 | 11/2016 | BINGHAM CR HATCHERY | 600,000 | | 0 | EGGS GREEN |
| Received | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2017 | 06/2017 | 300,000 | 80.0 | 3,750 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 06/2017 | 06/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 450,000 | 17.0 | 26,471 | JUVENILE | SATSOP R 22.0360 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Excess coho can be planted in the either Duck Lake or Vance Crk Ponds once viral samples are negative and Co-manager approval is met.

2016 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 7,000 | 2,800 |
| Planted | 6,000 | 24,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------|--------------|-----|--------------|------------|
| Received | 06/2018 | 06/2018 | EELLS SPRINGS | 7,000 | 2.5 | 2,800 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-----|---------------|------------|-----------------------|-----------|--------------------------|
| 04/2019 | 04/2019 | 4,000 | 0.3 | 16,000 | JUVENILE | GRAYS HARBOR CO LAKES | | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 2,000 | 0.3 | 8,000 | JUVENILE | MASON CO LAKES | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK DAM

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 | 09/2016 | 09/2016 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 75,000 | 6.0 | 12,500 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK DAM

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
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 | 09/2017 | 09/2017 | SKOOKUMCHUCK HATCHERY | 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 |
|------------|----------|-------------|-----|--------------|------------|----------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 75,000 | 6.0 | 12,500 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |
| Shipped | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 02/2017 | SOUTH SOUND NET PENS | 810,000 | 25.0 | 32,400 | JUVENILE |
| Shipped | 01/2017 | 02/2017 | 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: Program implementation is dependent on legal authority and funding. Squaxin Island transfer has 80K AD+LV.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 301,500 | |
| Shipping | 208,925 | 6,300 |
| Received | | |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal 301,500

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Shipped | 03/2017 | 03/2017 | CHINOOK MS (LACEY) | 300 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | LEWIS CO. CONS. DIST. | 50,000 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | NAPAVINE JHS HS | 375 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | OLYMPIC ES (CHEHALIS) | 375 | | 0 | EGGS EYED |
| Shipped | 03/2017 | 03/2017 | TENINO ES (TENINO) | 375 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | CARLISLE LK PROJECT | 52,500 | 25.0 | 2,100 | JUVENILE |
| Shipped | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | MARBLEMOUNT HATCHERY | 1,650,000 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 02/2018 | SOUTH SOUND NET PENS | 810,000 | 25.0 | 32,400 | JUVENILE |
| Shipped | 01/2018 | 02/2018 | 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: Program implementation is dependent on legal authority and funding. Squaxin Island transfer has 80K AD+LV.

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SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 500,000 | |
| Shipping | 277,500 | 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 | 01/2017 | 01/2017 | BYRD CRK PROJECT | 25,000 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | DEEP CR 23.0957 | 100,000 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | HEIMBIGNER PROJECT | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2017 | 01/2017 | PEDERSEN PROJECT | 50,000 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 50,000 | 17.0 | 2,941 | JUVENILE | SKOOKUMCHUCK 23.0761 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
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 | 09/2016 | 09/2016 | SKOOKUMCHUCK DAM | 90,000 | 40.0 | 2,250 | JUVENILE |
| Shipped | 02/2017 | 02/2017 | 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: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SKOOKUMCHUCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter-Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | 157,000 | 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 | 02/2017 | 02/2017 | CARLISLE LK PROJECT | 35,000 | | 0 | EGGS EYED |
| Shipped | 09/2017 | 09/2017 | SKOOKUMCHUCK DAM | 90,000 | 40.0 | 2,250 | JUVENILE |
| Shipped | 02/2018 | 02/2018 | 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: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2014
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 550 | 2,750 |
| 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 | 04/2017 | 04/2017 | BOGACHIEL HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby - Westend Sportsman Club Project. Most be held on Pathogen Free Water. 100 fish sent to OCC for fishing event.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Chinook
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 320,000 | 32,650 |

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 |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 07/2016 | 07/2016 | 70,000 | 50.0 | 1,400 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2017 | 04/2017 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 03/2017 | 04/2017 | 80,000 | 8.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Quileute Tribe rears at Lonesome Creek Hatchery 70k and 80k program.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: NA
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 500,000 | 33,333 |

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 |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2017 | 04/2016 | 200,000 | 15.0 | 13,333 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 150,000 | 15.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 04/2017 | 04/2017 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Tribe sponsors 150k.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 3,950 | 6,150 |
| Received | | |
| Planted | 4,650 | 3,450 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Shipped | 04/2017 | 04/2017 | BOGACHIEL HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | BOGACHIEL HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 03/2017 | 06/2017 | 3,000 | 2.5 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2017 | 04/2017 | 1,500 | 1.0 | 1,500 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |
| 03/2018 | 03/2018 | 100 | 0.2 | 500 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 50 | 0.2 | 250 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby - Westend Sportsman Club Project. Most be held on Pathogen Free Water. 100 fish sent to OCC for fishing event.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 2,300,000 | 5,750 |
| Received | 2,450,000 | 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 | 11/2016 | 11/2016 | HURD CR HATCHERY | 2,450,000 | | 0 | EGGS EYED |
| Shipped | 02/2017 | 02/2017 | ELWHA HATCHERY | 2,300,000 | 400.0 | 5,750 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Must be maintained on regulated pathogen-free water in isolation.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
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 | 32,650 |

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 | 11/2016 | 11/2016 | LONESOME CR HATCHERY | 250,000 | | 0 | EGGS EYED |
| Received | 04/2017 | 04/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 07/2017 | 07/2017 | 70,000 | 50.0 | 1,400 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 04/2018 | 80,000 | 8.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 04/2018 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Quileute Tribe rears at Lonesome Creek Hatchery 70k and 80k program.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: NA
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 540,000 | |
| Shipping | 100 | 0 |
| Received | | |
| Planted | 500,000 | 33,333 |

Estimated Brood Data

Egg Take Goal 540,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Shipped | 01/2017 | 01/2017 | NATURE BRIDGE ONP | 100 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |
| 04/2018 | 04/2018 | 200,000 | 15.0 | 13,333 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 150,000 | 15.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 75,000 | 15.0 | 5,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Tribe sponsors 150k.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | 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 |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 100,000 | 15.0 | 6,667 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Rainbow
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 3,950 | 6,150 |
| Received | 9,000 | 450 |
| Planted | 4,650 | 3,450 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Received | 07/2017 | 07/2017 | EELLS SPRINGS | 9,000 | 20.0 | 450 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | BOGACHIEL HATCHERY | 3,400 | 1.0 | 3,400 | JUVENILE |
| Shipped | 04/2019 | 04/2019 | BOGACHIEL HATCHERY | 550 | 0.2 | 2,750 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------------|-----------|--------------------------|
| 03/2018 | 03/2018 | 3,000 | 2.5 | 1,200 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 1,500 | 1.0 | 1,500 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |
| 03/2019 | 03/2019 | 100 | 0.2 | 500 | JUVENILE | BOGACHIEL HATCH PD (CLAL) | | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 50 | 0.2 | 250 | JUVENILE | LINCOLN PRK PD (CLAL) | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Kids fishing derby - Westend Sportsman Club Project. Most be held on Pathogen Free Water. 100 fish sent to OCC for fishing event.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Steelhead
Run: Winter-Late
Stock: BOGACHIEL R 20.0162
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 30,000 | 4,286 |
| Received | 30,000 | 429 |
| 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 | 11/2016 | 11/2016 | BOGACHIEL HATCHERY | 30,000 | 70.0 | 429 | JUVENILE |
| Shipped | 04/2017 | 04/2017 | BOGACHIEL HATCHERY | 30,000 | 7.0 | 4,286 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Snider Creek program replacement.

2016 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Steelhead
Run: Winter-Late
Stock: BOGACHIEL R 20.0162
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 32,000 | |
| Shipping | 62,000 | 4,286 |
| Received | 30,000 | 429 |
| Planted | 25,000 | 5,000 |

Estimated Brood Data

Egg Take Goal 32,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Shipped | 03/2017 | 03/2017 | BOGACHIEL HATCHERY | 32,000 | | 0 | EGGS GREEN |
| Received | 11/2017 | 11/2017 | BOGACHIEL HATCHERY | 30,000 | 70.0 | 429 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | BOGACHIEL HATCHERY | 30,000 | 7.0 | 4,286 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 25,000 | 5.0 | 5,000 | JUVENILE | BOGACHIEL R 20.0162 | AD+LV | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Snider Creek program replacement.

2016 Future Brood Document Final

STONY CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Sockeye
Run: NA
Stock: OZETTE LK (20)
Brood Origin: MIXED
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 | 03/2017 | 03/2017 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 91,500 | 906.0 | 101 | JUVENILE | STONY CR 20.0058A | OT | <input type="checkbox"/> |
| 06/2017 | 06/2017 | 45,750 | 450.0 | 102 | JUVENILE | STONY CR 20.0058A | OT | <input type="checkbox"/> |
| 06/2017 | 06/2017 | 45,750 | 450.0 | 102 | JUVENILE | STONY CR 20.0058A | AD+OT | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

TENINO ES (TENINO)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
Run: Late
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 375 | 0 |
| Planted | 370 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 03/2017 | 03/2017 | SKOOKUMCHUCK HATCHERY | 375 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 370 | 500.0 | 1 | JUVENILE | SCATTER CR 23.0716 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.

2016 Future Brood Document Final

UMBRELLA CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Sockeye
Run: NA
Stock: OZETTE LK (20)
Brood Origin: MIXED
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 | 11/2016 | 12/2016 | MAKAH NFH ON TSOO-YESS R | 305,000 | | 0 | EGGS GREEN |
| Received | 02/2017 | 02/2017 | MAKAH NFH ON TSOO-YESS 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 |
|------------|----------|-------------|-------|--------------|------------|---------------------|-----------|--------------------------|
| 06/2017 | 06/2017 | 122,000 | 455.0 | 268 | JUVENILE | UMBRELLA CR 20.0052 | | <input type="checkbox"/> |

Memo:

2016 Future Brood Document Final

WESTPORT NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2015
Species: Coho
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 04/2017 | 05/2017 | 100,000 | 12.0 | 8,333 | JUVENILE | WESTPORT BOAT BASIN | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Port of Grays Harbor Cooperative.

2016 Future Brood Document Final

WESTPORT NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2018 | 01/2018 | 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 |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 100,000 | 12.0 | 8,333 | JUVENILE | WESTPORT BOAT BASIN | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Port of Grays Harbor Cooperative.

2016 Future Brood Document Final

WILLAPA BAY GILLNETR

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chum
Run: NA
Stock: NORTH R 24.0034
Brood Origin: MIXED
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 | 03/2017 | 03/2017 | 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 |
|------------|----------|-------------|-------|--------------|------------|-----------------|-----------|--------------------------|
| 04/2017 | 04/2017 | 150,000 | 450.0 | 333 | JUVENILE | NORTH R 24.0034 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Project reviewed prior to BY 2014 release.

2016 Future Brood Document Final

WILLAPA BAY GILLNETR

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Coho
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 | 01/2017 | 01/2017 | 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 |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 02/2017 | 02/2017 | 250,000 | 1,500.0 | 167 | JUVENILE | OXBOW CR 24.0344 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding.