

Future Brood Document 2008 Final

AQUASEED HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: WHITE R 45.1116
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 150,000 | |
| Shipping | 150,000 | |
| Receive | 1,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 150,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 09/2008 | 09/2008 | LTL WHITE SALMON NFH | 150,000 | | | EGGS EYED |
| Received | 10/2008 | 10/2008 | EASTBANK HATCHERY | 1,000 | | | EGGS EYED |

Estimated Release Data

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

Memo: Program is still under review.

Future Brood Document 2008 Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: LATE
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 52,500 | 2,283 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 01/2009 | 01/2009 | BINGHAM CR HATCHERY | 52,500 | 23.0 | 2,283 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|------------------|-----------|--------------------------|
| 03/2009 | 05/2009 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

Future Brood Document 2008 Final

CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 52,500 | 2,283 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------------|------|--------------|------------|
| Received | 01/2009 | 01/2009 | BINGHAM CR HATCHERY | 52,500 | 23.0 | 2,283 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2009 | 05/2009 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2009 | 05/2009 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

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CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: LATE
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 52,500 | 2,283 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 01/2010 | 01/2010 | BINGHAM CR HATCHERY | 52,500 | 23.0 | 2,283 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|------------------|-----------|--------------------------|
| 03/2010 | 05/2010 | 50,000 | 17.0 | 2,941 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

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CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 52,500 | 2,283 |
| Planted | 50,000 | 2,941 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------------|------|--------------|------------|
| Received | 01/2010 | 01/2010 | BINGHAM CR HATCHERY | 52,500 | 23.0 | 2,283 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 03/2010 | 05/2010 | 16,500 | 17.0 | 971 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |
| 03/2010 | 05/2010 | 33,500 | 17.0 | 1,971 | JUVENILE | GHEER CR 23.0913 | AD | <input type="checkbox"/> |

Memo: Part of Skookumchuck Mitigation Agreement.

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CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 30,000 | 1,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 10/2008 | 10/2008 | 30,000 | 25.0 | 1,200 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo:

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CARLISLE LK PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: SKOOKUMCHUCK 23.0761
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 35,000 | |
| Planted | 30,000 | 1,200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | SKOOKUMCHUCK HATCHRY | 35,000 | | | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|--------------------|-----------|--------------------------|
| 10/2009 | 10/2009 | 30,000 | 25.0 | 1,200 | JUVENILE | CARLISLE LK (LEWI) | AD | <input type="checkbox"/> |

Memo:

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CARSON NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2006
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,000 | 1,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 09/2008 | 09/2008 | GOLDENDALE HATCHERY | 1,000 | 1.0 | 1,000 | JUVENILE |

Estimated Release Data

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

Memo: On site kids fishing event.

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CARSON NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: WIND R 29.0023
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 1,670,000 | 100,196 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|----------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 250,000 | 15.0 | 16,667 | JUVENILE | WALLA WALLA R32.0008 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 1,420,000 | 17.0 | 83,529 | JUVENILE | WIND R 29.0023 | AD | <input type="checkbox"/> |

Memo: On-station yearling release. Plant to Walla Walla river is a transfer to South Fork Walla Walla River

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CARSON NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,000 | 1,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 09/2009 | 09/2009 | GOLDENDALE HATCHERY | 1,000 | 1.0 | 1,000 | JUVENILE |

Estimated Release Data

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

Memo: On site kids fishing event.

Future Brood Document 2008 Final

CARSON NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: WIND R 29.0023
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 2,300,000 | |
| Shipping | 500 | |
| Receive | | |
| Planted | 1,670,000 | 100,196 |

Estimated Brood Data

Egg Take Goal 2,300,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Shipped | 10/2008 | 10/2008 | CARSON ES (STEVENSON) | 500 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|----------------------|-----------|--------------------------|
| 03/2010 | 03/2010 | 250,000 | 15.0 | 16,667 | JUVENILE | WALLA WALLA R32.0008 | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 1,420,000 | 17.0 | 83,529 | JUVENILE | WIND R 29.0023 | AD | <input type="checkbox"/> |

Memo: On-station yearling release. Plant to Walla Walla river is a transfer to South Fork Walla Walla River

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CARSON NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,000 | 1,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 09/2009 | 09/2009 | GOLDENDALE HATCHERY | 1,000 | 1.0 | 1,000 | JUVENILE |

Estimated Release Data

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

Memo: On site kids fishing event.

Future Brood Document 2008 Final

CATHLAMET FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 16,000 | 640 |
| Planted | 15,000 | 882 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | ELOCHOMAN HATCHERY | 16,000 | 25.0 | 640 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 15,000 | 17.0 | 882 | JUVENILE | BIRNIE CR 25.0281 | AD | <input type="checkbox"/> |

Memo: ALEA Funded Project.

Future Brood Document 2008 Final

CATHLAMET FFA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 16,000 | 640 |
| Planted | 15,000 | 882 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | ELOCHOMAN HATCHERY | 16,000 | 25.0 | 640 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 15,000 | 17.0 | 882 | JUVENILE | BIRNIE CR 25.0281 | AD | <input type="checkbox"/> |

Memo: ALEA Funded Project.

Future Brood Document 2008 Final

CENTRALIA HS (CENTRA

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: NA
Stock: SATSOP R 22.0360
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 15,000 | |
| Planted | 15,000 | 10 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | BINGHAM CR HATCHERY | 15,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|---------|-------------|------------|--------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 7,000 | 1,750.0 | 4 | JUVENILE | CHINA CR 23.0870 | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 500 | 500.0 | 1 | JUVENILE | CHINA CR 23.0870 | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 7,000 | 1,750.0 | 4 | JUVENILE | SCAMMON CR 23.0757 | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 500 | 500.0 | 1 | JUVENILE | SCAMMON CR 23.0757 | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

CLARK COUNTY PUD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 70,000 | |
| Planted | 70,000 | 47 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | LEWIS RIVER HATCHERY | 70,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|-------------|------------|-------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 70,000 | 1,500.0 | 47 | JUVENILE | SALMON CR 28.0059 | | <input type="checkbox"/> |

Memo: Hicks, Harding, McNab, .Buss, .Bishop, Sorenson, and Orander projects.

Future Brood Document 2008 Final

COWEEMAN R POND #1

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 5,000 | 625 |
| Planted | 5,000 | 909 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | ELOCHOMAN HATCHERY | 5,000 | 8.0 | 625 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 5,000 | 5.5 | 909 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15. Number may be up to 5,000 depending on water availability, but total Coweeman plant will remain the same.

Future Brood Document 2008 Final

COWEEMAN R POND #1

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 5,000 | 625 |
| Planted | 5,000 | 909 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | ELOCHOMAN HATCHERY | 5,000 | 8.0 | 625 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 5,000 | 5.5 | 909 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15. Number may be up to 5,000 depending on water availability, but total Coweeman plant will remain the same.

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COWEEMAN R POND #2

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | 1,250 |
| Planted | 10,000 | 1,818 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | ELOCHOMAN HATCHERY | 10,000 | 8.0 | 1,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 10,000 | 5.5 | 1,818 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWEEMAN R POND #2

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | 1,250 |
| Planted | 10,000 | 1,818 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | ELOCHOMAN HATCHERY | 10,000 | 8.0 | 1,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 10,000 | 5.5 | 1,818 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ GAME&ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 40,000 | |
| Planted | 40,000 | 27 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | COWLITZ SALMON HATCH | 40,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|-------------|------------|----------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 5,000 | 1,500.0 | 3 | JUVENILE | SALMON CR 26.0479 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 10,000 | 1,500.0 | 7 | JUVENILE | CAMPBELL CR 26.0443 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 5,000 | 1,500.0 | 3 | JUVENILE | HILL CR 26.0423 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 10,000 | 1,500.0 | 7 | JUVENILE | ARKANSAS CR 26.0189 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 5,000 | 1,500.0 | 3 | JUVENILE | COWLITZ R TRIBS | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 5,000 | 1,500.0 | 3 | JUVENILE | COWLITZ R @ MAYFIELD | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

COWLITZ GAME&ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 25,000 | 3,125 |
| Planted | 25,000 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | SKAMANIA HATCHERY | 25,000 | 8.0 | 3,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 25,000 | 5.0 | 5,000 | JUVENILE | TOUTLE R-SF 26.0248 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ GAME&ANGLERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 25,000 | 3,125 |
| Planted | 25,000 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | SKAMANIA HATCHERY | 25,000 | 8.0 | 3,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 25,000 | 5.0 | 5,000 | JUVENILE | TOUTLE R-SF 26.0248 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 55,000 | 4,583 |
| Receive | | |
| Planted | 904,811 | 180,962 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | FRIENDS OF COWLITZ | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|-------------------------------------|
| 03/2009 | 04/2009 | 804,811 | 5.0 | 160,962 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2009 | 04/2009 | 100,000 | 5.0 | 20,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Rel. in April prov. fish rearing parameters are met for all spec. Grays R. Not included in Egg Take Goal.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 2,361,254 | 157,417 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 06/2009 | 2,361,254 | 15.0 | 157,417 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 5/01. Egg take for Cooperatives as late as possible.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 500,000 | 33,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 500,000 | 15.0 | 33,333 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Release 5/01.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 5,400,000 | |
| Shipping | | |
| Receive | | |
| Planted | 5,000,000 | 62,500 |

Estimated Brood Data

Egg Take Goal 5,400,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 05/2009 | 06/2009 | 4,800,000 | 80.0 | 60,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 05/2009 | 06/2009 | 200,000 | 80.0 | 2,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Release at 50 to 80 fpp.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 1,517,438 | |
| Shipping | 605,000 | 7,311 |
| Receive | | |
| Planted | 907,539 | 181,508 |

Estimated Brood Data

Egg Take Goal 1,517,438

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | GRAYS RIVER HATCHERY | 250,000 | | | EGGS EYED |
| Shipped | 04/2009 | 05/2009 | UPPER COWLITZ RESTOR | 300,000 | 110.0 | 2,727 | JUVENILE |
| Shipped | 11/2009 | 11/2009 | FRIENDS OF COWLITZ | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|-------------------------------------|
| 03/2010 | 04/2010 | 807,539 | 5.0 | 161,508 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2010 | 04/2010 | 100,000 | 5.0 | 20,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Rel. in April prov. fish rearing parameters are met for all spec. Grays R. Not included in Egg Take Goal.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 3,069,567 | |
| Shipping | 272,700 | 10 |
| Receive | | |
| Planted | 2,335,434 | 155,696 |

Estimated Brood Data

Egg Take Goal 3,069,567

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 01/2009 | 01/2009 | FRIENDS OF COWLITZ | 230,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | COWLITZ GAME&ANGLERS | 40,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | REG 5 ED COOPS | 1,700 | | | EGGS EYED |
| Shipped | 06/2009 | 06/2009 | KRAUS RYDERWOOD PROJ | 1,000 | 100.0 | 10 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 06/2010 | 2,335,434 | 15.0 | 155,696 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 5/01. Egg take for Cooperatives as late as possible.

Future Brood Document 2008 Final

COWLITZ SALMON HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 595,717 | |
| Shipping | | |
| Receive | | |
| Planted | 500,000 | 33,333 |

Estimated Brood Data

Egg Take Goal 595,717

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|-------------------------------------|
| 04/2010 | 06/2010 | 500,000 | 15.0 | 33,333 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Release 5/01.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CUTTHROAT
Run: ANADROMOUS COASTAL
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 10,000 | 1,818 |
| Receive | | |
| Planted | 147,298 | 36,825 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Shipped | 02/2009 | 02/2009 | FRIENDS OF COWLITZ | 10,000 | 5.5 | 1,818 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 147,298 | 4.0 | 36,825 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 100,000 | 16,667 |
| Receive | | |
| Planted | 450,000 | 81,818 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Shipped | 02/2009 | 02/2009 | FRIENDS OF COWLITZ | 100,000 | 6.0 | 16,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 450,000 | 5.5 | 81,818 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 300,000 | 54,545 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 300,000 | 5.5 | 54,545 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 4/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER-LATE
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 563,498 | 68,091 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|---------------|------------|-------------------|-----------|--------------------------|
| 09/2008 | 09/2008 | 200,000 | 100.0 | 2,000 | JUVENILE | COWLITZ R -UPPER | RV | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 75,000 | 5.5 | 13,636 | JUVENILE | COWLITZ R 26.0002 | AD+RV | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 288,498 | 5.5 | 52,454 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15. Upper release 80-100 fpp. Of the 75K plant 2/3 above Cowlitz Falls/Hall Crk, 1/3 at barrier dam.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: CUTTHROAT
Run: ANADROMOUS COASTAL
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 239,052 | |
| Shipping | 10,000 | 1,818 |
| Receive | | |
| Planted | 147,230 | 36,808 |

Estimated Brood Data

Egg Take Goal 239,052

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Shipped | 02/2010 | 02/2010 | FRIENDS OF COWLITZ | 10,000 | 5.5 | 1,818 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 147,230 | 4.0 | 36,808 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 825,000 | |
| Shipping | 100,000 | 16,667 |
| Receive | | |
| Planted | 450,000 | 81,818 |

Estimated Brood Data

Egg Take Goal 825,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Shipped | 02/2010 | 02/2010 | FRIENDS OF COWLITZ | 100,000 | 6.0 | 16,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 450,000 | 5.5 | 81,818 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 425,000 | |
| Shipping | | |
| Receive | | |
| Planted | 300,000 | 54,545 |

Estimated Brood Data

Egg Take Goal 425,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 300,000 | 5.5 | 54,545 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 4/15.

Future Brood Document 2008 Final

COWLITZ TROUT HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER-LATE
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 768,900 | |
| Shipping | | |
| Receive | | |
| Planted | 560,022 | 67,459 |

Estimated Brood Data

Egg Take Goal 768,900

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|---------------|------------|-------------------|-----------|--------------------------|
| 09/2009 | 09/2009 | 200,000 | 100.0 | 2,000 | JUVENILE | COWLITZ R -UPPER | RV | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 75,000 | 5.5 | 13,636 | JUVENILE | COWLITZ R 26.0002 | AD+RV | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 285,022 | 5.5 | 51,822 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15. Upper release 80-100 fpp. Of the 75K plant 2/3 above Cowlitz Falls/Hall Crk, 1/3 at barrier dam.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 200,000 | 13,333 |
| Planted | 175,000 | 17,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 11/2008 | 11/2008 | GRAYS RIVER HATCHERY | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|----------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 150,000 | 10.0 | 15,000 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 25,000 | 10.0 | 2,500 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: BPA funded. Net Pens towed 4 miles SW for release.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 200,000 | 13,333 |
| Planted | 175,000 | 17,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | GRAYS RIVER HATCHERY | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|----------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 150,000 | 10.0 | 15,000 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 25,000 | 10.0 | 2,500 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: Net Pens towed 4 miles SW for release.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: GRAYS R 25.0093
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500,000 | 20,000 |
| Planted | 400,000 | 36,364 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 11/2008 | 11/2008 | GRAYS RIVER HATCHERY | 250,000 | 25.0 | 10,000 | JUVENILE |
| Received | 11/2008 | 11/2008 | GRAYS RIVER HATCHERY | 250,000 | 25.0 | 10,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|----------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 185,000 | 11.0 | 16,818 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 185,000 | 11.0 | 16,818 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 30,000 | 11.0 | 2,727 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: Upper and Lower Net Pens.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 200,000 | 13,333 |
| Planted | 175,000 | 17,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 11/2009 | 11/2009 | GRAYS RIVER HATCHERY | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|----------------|-----------|-------------------------------------|
| 04/2010 | 04/2010 | 150,000 | 10.0 | 15,000 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 25,000 | 10.0 | 2,500 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: BPA funded. Net Pens towed 4 miles SW for release.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 200,000 | 13,333 |
| Planted | 175,000 | 17,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | GRAYS RIVER HATCHERY | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|----------------|-----------|-------------------------------------|
| 04/2010 | 05/2010 | 150,000 | 10.0 | 15,000 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 25,000 | 10.0 | 2,500 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: Net Pens towed 4 miles SW for release.

Future Brood Document 2008 Final

DEEP R NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: GRAYS R 25.0093
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500,000 | 20,000 |
| Planted | 465,000 | 42,273 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 11/2009 | 11/2009 | GRAYS RIVER HATCHERY | 250,000 | 25.0 | 10,000 | JUVENILE |
| Received | 11/2009 | 11/2009 | GRAYS RIVER HATCHERY | 250,000 | 25.0 | 10,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|----------------|-----------|-------------------------------------|
| 04/2010 | 05/2010 | 250,000 | 11.0 | 22,727 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 185,000 | 11.0 | 16,818 | JUVENILE | DEEP R 25.0071 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 30,000 | 11.0 | 2,727 | JUVENILE | DEEP R 25.0071 | AD | <input checked="" type="checkbox"/> |

Memo: Upper and Lower Net Pens.

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 16,000 | 640 |
| Receive | | |
| Planted | 497,000 | 29,235 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|--------|------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | CATHLAMET FFA | 16,000 | 25.0 | 640 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|---------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 467,000 | 17.0 | 27,471 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |
| 04/2009 | 06/2009 | 30,000 | 17.0 | 1,765 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 418,000 | 24,588 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 388,000 | 17.0 | 22,824 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |
| 04/2009 | 06/2009 | 30,000 | 17.0 | 1,765 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 2,300,000 | |
| Shipping | | |
| Receive | | |
| Planted | 2,000,000 | 25,000 |

Estimated Brood Data

Egg Take Goal 2,300,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 06/2009 | 06/2009 | 1,910,000 | 80.0 | 23,875 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 90,000 | 80.0 | 1,125 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input checked="" type="checkbox"/> |

Memo: Release 50-80 fpp.

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 600,000 | |
| Shipping | 16,500 | 640 |
| Receive | | |
| Planted | 497,000 | 29,235 |

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------|--------|------|--------------|------------|
| Shipped | 01/2008 | 01/2008 | REG 5 ED COOPS | 500 | | | EGGS EYED |
| Shipped | 11/2009 | 11/2009 | CATHLAMET FFA | 16,000 | 25.0 | 640 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|---------------------|-----------|-------------------------------------|
| 04/2010 | 06/2010 | 467,000 | 17.0 | 27,471 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |
| 04/2010 | 06/2010 | 30,000 | 17.0 | 1,765 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 548,000 | |
| Shipping | | |
| Receive | | |
| Planted | 418,000 | 24,588 |

Estimated Brood Data

Egg Take Goal 548,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 04/2010 | 06/2010 | 388,000 | 17.0 | 22,824 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |
| 04/2010 | 06/2010 | 30,000 | 17.0 | 1,765 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 35,000 | 1,400 |
| Planted | 30,000 | 6,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 10/2008 | 10/2008 | MERWIN HATCHERY | 35,000 | 25.0 | 1,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 30,000 | 5.0 | 6,000 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 15,000 | 1,875 |
| Receive | | |
| Planted | 95,000 | 19,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Shipped | 02/2009 | 02/2009 | COWEEMAN R POND #2 | 10,000 | 8.0 | 1,250 | JUVENILE |
| Shipped | 02/2009 | 02/2009 | COWEEMAN R POND #1 | 5,000 | 8.0 | 625 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 5,000 | 5.0 | 1,000 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 90,000 | 5.0 | 18,000 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 35,000 | 1,400 |
| Planted | 30,000 | 6,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------------|------|--------------|------------|
| Received | 10/2009 | 10/2009 | MERWIN HATCHERY | 35,000 | 25.0 | 1,400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 30,000 | 5.0 | 6,000 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ELOCHOMAN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 250,000 | |
| Shipping | 265,000 | 1,875 |
| Receive | 190,000 | 633 |
| Planted | 95,000 | 19,000 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|-------|--------------|------------|
| Shipped | 12/2008 | 12/2008 | GRAYS RIVER HATCHERY | 250,000 | | | EGGS EYED |
| Received | 04/2009 | 06/2009 | GRAYS RIVER HATCHERY | 190,000 | 300.0 | 633 | JUVENILE |
| Shipped | 02/2010 | 02/2010 | COWEEMAN R POND #2 | 10,000 | 8.0 | 1,250 | JUVENILE |
| Shipped | 02/2010 | 02/2010 | COWEEMAN R POND #1 | 5,000 | 8.0 | 625 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 5,000 | 5.0 | 1,000 | JUVENILE | COWEEMAN R 26.0003 | AD | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 90,000 | 5.0 | 18,000 | JUVENILE | ELOCHOMAN R 25.0236 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 125,000 | 12,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|--------------------------|
| 02/2009 | 02/2009 | 125,000 | 10.0 | 12,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |

Memo: May adjust release numbers between Fallert Creek and Kalama Falls, but the Kalama River goal will remain 500,000.

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 350,000 | 20,588 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2009 | 04/2009 | 320,000 | 17.0 | 18,824 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 30,000 | 17.0 | 1,765 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 2,600,000 | |
| Planted | 2,500,000 | 31,250 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|------------------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | KALAMA FALLS HATCHRY | 2,600,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 06/2009 | 06/2009 | 2,410,000 | 80.0 | 30,125 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 90,000 | 80.0 | 1,125 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 5,000,000.

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 150,000 | 1,500 |
| Planted | 125,000 | 12,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 06/2009 | 07/2009 | KALAMA FALLS HATCHRY | 150,000 | 100.0 | 1,500 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|------------------|-----------|--------------------------|
| 02/2010 | 02/2010 | 125,000 | 10.0 | 12,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |

Memo: May adjust release numbers between Fallert Creek and Kalama Falls, but the Kalama River goal will remain 500,000.

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|---------------------|---------------------|
| Egg Take | 420,000 | |
| Shipping | 1,000 | |
| Receive | | |
| Planted | 350,000 | 20,588 |

Estimated Brood Data

Egg Take Goal 420,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------|--------------|-----|--------------|------------|
| Shipped | 11/2008 | 11/2008 | REG 5 ED COOPS | 1,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2010 | 04/2010 | 320,000 | 17.0 | 18,824 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 30,000 | 17.0 | 1,765 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 30,000 | 3,000 |
| Planted | 30,000 | 5,455 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | SKAMANIA HATCHERY | 30,000 | 10.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------|-----------|-----------------------------|
| 04/2009 | 05/2009 | 30,000 | 5.5 | 5,455 | JUVENILE | KALAMA R | 27.0002 | AD <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 70,000 | 70 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|---------|--------------|------------|
| Shipped | 06/2008 | 09/2008 | KALAMA FALLS HATCHRY | 70,000 | 1,000.0 | 70 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 5,000 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Shipped | 03/2009 | 03/2009 | GOBAR POND (27) | 50,000 | 10.0 | 5,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 30,000 | 3,000 |
| Planted | 30,000 | 5,455 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | SKAMANIA HATCHERY | 30,000 | 10.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------|-----------|-----------------------------|
| 04/2010 | 05/2010 | 30,000 | 5.5 | 5,455 | JUVENILE | KALAMA R | 27.0002 | AD <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 80,000 | 70 |
| Receive | 90,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|---------|--------------|------------|
| Received | 01/2009 | 03/2009 | KALAMA FALLS HATCHRY | 90,000 | | | EGGS GREEN |
| Shipped | 02/2009 | 03/2009 | FISH FIRST RSI+NP | 10,000 | | | EGGS EYED |
| Shipped | 06/2009 | 09/2009 | KALAMA FALLS HATCHRY | 70,000 | 1,000.0 | 70 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 5,000 |
| Receive | 60,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 01/2009 | 03/2009 | KALAMA FALLS HATCHRY | 60,000 | | | EGGS EYED |
| Shipped | 03/2010 | 03/2010 | GOBAR POND (27) | 50,000 | 10.0 | 5,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 150,000 | 15,833 |
| Planted | 150,000 | 18,750 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|------|--------------|------------|
| Received | 12/2008 | 12/2008 | SPEELYAI HATCHERY | 75,000 | 10.0 | 7,500 | JUVENILE |
| Received | 01/2009 | 02/2009 | SPEELYAI HATCHERY | 75,000 | 9.0 | 8,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 02/2009 | 02/2009 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 150,000 | 15,833 |
| Planted | 150,000 | 18,750 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|------|--------------|------------|
| Received | 12/2009 | 12/2009 | SPEELYAI HATCHERY | 75,000 | 10.0 | 7,500 | JUVENILE |
| Received | 01/2010 | 02/2010 | SPEELYAI HATCHERY | 75,000 | 9.0 | 8,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 02/2010 | 02/2010 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |
| 03/2010 | 03/2010 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 460,000 | |
| Planted | 460,000 | 307 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | LEWIS RIVER HATCHERY | 460,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|-------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | JOHNSON CR 27.0327 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | HOUGHTON CR 27.0319 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | ROBINSON CR 27.0300 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | LEWIS R TRIBS | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | LEWIS R TRIBS | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | LEWIS R TRIBS | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 10,000 | 1,500.0 | 7 | JUVENILE | LEWIS R TRIBS | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | LEWIS R -NF 27.0168 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | STABLE CR (27) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | DAVIS CR 26.1085 | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 400,000 | |
| Planted | 400,000 | 267 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | WASHOUGAL HATCHERY | 400,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|-------------|------------|----------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | CHELATCHIE-NF 270373 | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | BITTER CR 27.0367 | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | PUP CR 27.0345 | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | CEDAR CR 27.0339 | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | JOHN CR 27.0335 | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | LEWIS R TRIBS | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | MALINOWSKI PD | OT | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 50,000 | 1,500.0 | 33 | JUVENILE | BEAVER CR 26.0325 | OT | <input type="checkbox"/> |

Memo: All eggs are Otolith Marked.

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 110,000 | 13,333 |
| Planted | 110,000 | 22,917 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | MERWIN HATCHERY | 60,000 | 12.0 | 5,000 | JUVENILE |
| Received | 03/2009 | 03/2009 | SKAMANIA HATCHERY | 50,000 | 6.0 | 8,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 50,000 | 4.8 | 10,417 | JUVENILE | LEWIS R -NF 27.0168 | AD+LV | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 60,000 | 4.8 | 12,500 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |

Memo: 60,000 for Speelyai Bay Net Pen.

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 110,000 | 13,333 |
| Planted | 110,000 | 22,917 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | MERWIN HATCHERY | 60,000 | 12.0 | 5,000 | JUVENILE |
| Received | 03/2010 | 03/2010 | SKAMANIA HATCHERY | 50,000 | 6.0 | 8,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|---------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 50,000 | 4.8 | 10,417 | JUVENILE | LEWIS R -NF 27.0168 | AD+LV | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 60,000 | 4.8 | 12,500 | JUVENILE | LEWIS R -NF 27.0168 | AD | <input type="checkbox"/> |

Memo: 60,000 for Speelyai Bay Net Pen.

Future Brood Document 2008 Final

FISH FIRST RSI+NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | |
| Planted | 10,000 | 7 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 02/2009 | FALLERT CR HATCHERY | 10,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|-------------|------------|------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 10,000 | 1,500.0 | 7 | JUVENILE | KALAMA R 27.0002 | | <input type="checkbox"/> |

Memo: Indian Creek RSI.

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 55,000 | 4,583 |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | COWLITZ SALMON HATCH | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 03/2009 | 04/2009 | 55,000 | 5.0 | 11,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 55,000 | 4,583 |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | COWLITZ SALMON HATCH | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 03/2010 | 04/2010 | 55,000 | 5.0 | 11,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 230,000 | |
| Planted | 230,000 | 153 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | COWLITZ SALMON HATCH | 230,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|-------------|------------|--------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 20,000 | 1,500.0 | 13 | JUVENILE | JONES CR 26.0531 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 80,000 | 1,500.0 | 53 | JUVENILE | BLUE CR 26.0527 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 16,000 | 1,500.0 | 11 | JUVENILE | LACAMAS CR 26.0467 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 8,000 | 1,500.0 | 5 | JUVENILE | OLEQUA CR 26.0427 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 16,000 | 1,500.0 | 11 | JUVENILE | SALMON CR 26.0187 | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 30,000 | 1,500.0 | 20 | JUVENILE | COWLITZ R TRIBS | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 20,000 | 1,500.0 | 13 | JUVENILE | COWLITZ R TRIBS | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 20,000 | 1,500.0 | 13 | JUVENILE | COWLITZ R TRIBS | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 20,000 | 1,500.0 | 13 | JUVENILE | COWLITZ R TRIBS | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CUTTHROAT
Run: ANADROMOUS COASTAL
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | 1,818 |
| Planted | 10,000 | 2,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | COWLITZ TROUT HATCH | 10,000 | 5.5 | 1,818 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 10,000 | 4.0 | 2,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 100,000 | 16,667 |
| Planted | 100,000 | 18,182 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|----------------|-----|---------------|------------|
| Received | 02/2009 | 02/2009 | COWLITZ TROUT HATCH | 100,000 | 6.0 | 16,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 64,000 | 5.5 | 11,636 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 36,000 | 5.5 | 6,545 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: CUTTHROAT
Run: ANADROMOUS COASTAL
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | 1,818 |
| Planted | 10,000 | 2,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | COWLITZ TROUT HATCH | 10,000 | 5.5 | 1,818 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 10,000 | 4.0 | 2,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 100,000 | 16,667 |
| Planted | 100,000 | 18,182 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|----------------|-----|---------------|------------|
| Received | 02/2010 | 02/2010 | COWLITZ TROUT HATCH | 100,000 | 6.0 | 16,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|-------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 64,000 | 5.5 | 11,636 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 36,000 | 5.5 | 6,545 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 395,000 | 30,385 |
| Planted | 375,000 | 37,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 12/2008 | 12/2008 | KALAMA FALLS HATCHRY | 395,000 | 13.0 | 30,385 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 02/2009 | 03/2009 | 250,000 | 10.0 | 25,000 | JUVENILE | GOBAR CR 27.0073 | | <input type="checkbox"/> |
| 02/2009 | 03/2009 | 125,000 | 10.0 | 12,500 | JUVENILE | GOBAR CR 27.0073 | AD | <input checked="" type="checkbox"/> |

Memo: May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 395,000 | 30,385 |
| Planted | 375,000 | 37,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Received | 12/2009 | 12/2009 | KALAMA FALLS HATCHRY | 395,000 | 13.0 | 30,385 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 02/2010 | 03/2010 | 250,000 | 10.0 | 25,000 | JUVENILE | GOBAR CR 27.0073 | | <input type="checkbox"/> |
| 02/2010 | 03/2010 | 125,000 | 10.0 | 12,500 | JUVENILE | GOBAR CR 27.0073 | AD | <input checked="" type="checkbox"/> |

Memo: May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 65,000 | 8,125 |
| Planted | 60,000 | 10,909 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 03/2009 | 03/2009 | KALAMA FALLS HATCHRY | 65,000 | 8.0 | 8,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 60,000 | 5.5 | 10,909 | JUVENILE | GOBAR CR 27.0073 | AD | <input checked="" type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 50,000 | 5,000 |
| Planted | 45,000 | 8,182 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 03/2009 | 03/2009 | FALLERT CR HATCHERY | 50,000 | 10.0 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 45,000 | 5.5 | 8,182 | JUVENILE | GOBAR CR 27.0073 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 65,000 | 8,125 |
| Planted | 60,000 | 10,909 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------------|-----|--------------|------------|
| Received | 03/2010 | 03/2010 | KALAMA FALLS HATCHRY | 65,000 | 8.0 | 8,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2010 | 05/2010 | 60,000 | 5.5 | 10,909 | JUVENILE | GOBAR CR 27.0073 | AD | <input checked="" type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

GOBAR POND (27)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 50,000 | 5,000 |
| Planted | 45,000 | 8,182 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Received | 03/2010 | 03/2010 | FALLERT CR HATCHERY | 50,000 | 10.0 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 45,000 | 5.5 | 8,182 | JUVENILE | GOBAR CR 27.0073 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2004
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 700 | 7,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 11/2008 | 11/2008 | 128 | 0.1 | 1,280 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 11/2008 | 96 | 0.1 | 960 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 40 | 0.1 | 400 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 103 | 0.1 | 1,030 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 90 | 0.1 | 900 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 148 | 0.1 | 1,480 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 95 | 0.1 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2005
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 2,037 | 14,311 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------------|-----------|--------------------------|
| 11/2008 | 11/2008 | 164 | 0.2 | 965 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 11/2008 | 220 | 0.2 | 1,100 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 221 | 0.2 | 1,331 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 140 | 0.2 | 700 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 150 | 0.2 | 750 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 115 | 0.2 | 575 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2008 | 01/2009 | 190 | 0.2 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 75 | 0.1 | 600 | BROODSTOCK | HORSETHIEF LK (KLIC) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 128 | 0.1 | 1,024 | BROODSTOCK | TIMS PD (YAKI) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 12 | 0.1 | 96 | BROODSTOCK | SARGE HUBBARD PD (YAKI) | | <input type="checkbox"/> |
| 11/2009 | 11/2009 | 50 | 0.1 | 500 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 11/2009 | 96 | 0.1 | 960 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 95 | 0.1 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 90 | 0.1 | 900 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 103 | 0.1 | 1,030 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 40 | 0.1 | 400 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 148 | 0.1 | 1,480 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2006
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 1,000 | 1,000 |
| Receive | | |
| Planted | 2,537 | 15,489 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|------------|--------|-----|--------------|------------|
| Shipped | 09/2008 | 09/2008 | CARSON NFH | 1,000 | 1.0 | 1,000 | JUVENILE |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------------|-----------|--------------------------|
| 02/2009 | 02/2009 | 340 | 0.5 | 680 | BROODSTOCK | HORSESHOE LK (COWL) | | <input type="checkbox"/> |
| 02/2009 | 02/2009 | 160 | 0.5 | 320 | BROODSTOCK | ROTARY LK (YAKI) | | <input type="checkbox"/> |
| 11/2009 | 11/2009 | 164 | 0.2 | 988 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 11/2009 | 220 | 0.2 | 1,325 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 190 | 0.2 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 221 | 0.2 | 1,105 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 115 | 0.2 | 575 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 150 | 0.2 | 750 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 11/2009 | 01/2010 | 140 | 0.2 | 700 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 75 | 0.1 | 600 | BROODSTOCK | HORSETHIEF LK (KLIC) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 12 | 0.1 | 96 | BROODSTOCK | TIMS PD (YAKI) | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 50 | 0.1 | 400 | BROODSTOCK | SARGE HUBBARD PD (YAKI) | | <input type="checkbox"/> |
| 11/2010 | 11/2010 | 96 | 0.1 | 960 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 11/2010 | 128 | 0.1 | 1,280 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 90 | 0.1 | 900 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 103 | 0.1 | 1,030 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 95 | 0.1 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 40 | 0.1 | 400 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 148 | 0.1 | 1,480 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 9,000 | 180 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 06/2008 | 07/2008 | 9,000 | 50.0 | 180 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 1,000 | 1,000 |
| Receive | | |
| Planted | 190,737 | 71,223 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|------------|--------|-----|--------------|------------|
| Shipped | 09/2009 | 09/2009 | CARSON NFH | 1,000 | 1.0 | 1,000 | JUVENILE |

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|--------------------------|-----------|--------------------------|
| 06/2008 | 06/2008 | 20,000 | 20.0 | 1,000 | JUVENILE | NORTHWESTERN LK (KLIC) | | <input type="checkbox"/> |
| 06/2008 | 06/2008 | 3,000 | 50.0 | 60 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 06/2008 | 07/2008 | 8,000 | 3.0 | 2,667 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2009 | 01/2009 | 4,400 | 3.0 | 1,467 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 01/2009 | 01/2009 | 6,800 | 3.0 | 2,267 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2009 | 01/2009 | 8,200 | 3.0 | 2,733 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |
| 01/2009 | 01/2009 | 10,500 | 3.0 | 3,500 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 01/2009 | 01/2009 | 2,400 | 3.0 | 800 | JUVENILE | FORT BORST PRK LK (LEWI) | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 3,000 | 3.0 | 1,000 | JUVENILE | WAHIAKUM CO LAKES | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 4,300 | 3.0 | 1,433 | JUVENILE | LK SACAJAWEA (COWL) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 13,400 | 3.0 | 4,467 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 12,100 | 3.0 | 4,033 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 7,000 | 3.0 | 2,333 | JUVENILE | BATTLE GROUND LK (CLAR) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 29,000 | 3.0 | 9,667 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 11,300 | 3.0 | 3,767 | JUVENILE | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 2,500 | 3.0 | 833 | JUVENILE | KIDNEY LK (SKAM) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 3,000 | 3.0 | 1,000 | JUVENILE | FORT BORST PRK LK (LEWI) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 5,400 | 3.0 | 1,800 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 10,400 | 3.0 | 3,467 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 2,200 | 3.0 | 733 | JUVENILE | BATTLE GROUND LK (CLAR) | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 3,800 | 3.0 | 1,267 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 10,000 | 3.0 | 3,333 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 7,500 | 3.0 | 2,500 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 160 | 0.5 | 320 | BROODSTOCK | ROTARY LK (YAKI) | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 340 | 0.5 | 680 | BROODSTOCK | HORSESHOE LK (COWL) | | <input type="checkbox"/> |
| 11/2010 | 11/2010 | 164 | 0.2 | 820 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 11/2010 | 220 | 0.2 | 1,100 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 190 | 0.2 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 115 | 0.2 | 575 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 221 | 0.2 | 1,105 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 140 | 0.2 | 700 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2010 | 01/2011 | 150 | 0.2 | 750 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 04/2011 | 04/2011 | 12 | 0.1 | 96 | BROODSTOCK | TIMS PD (YAKI) | | <input type="checkbox"/> |

Memo:

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

| | | | | | | | |
|---------|---------|------------|-----|--------------|------------|-------------------------|--------------------------|
| 04/2011 | 04/2011 | 75 | 0.1 | 600 | BROODSTOCK | HORSETHIEF LK (KLIC) | <input type="checkbox"/> |
| 05/2011 | 05/2011 | 50 | 0.1 | 400 | BROODSTOCK | SARGE HUBBARD PD (YAKI) | <input type="checkbox"/> |
| 11/2011 | 11/2011 | 128 | 0.1 | 1,280 | BROODSTOCK | YAKIMA CO LAKES | <input type="checkbox"/> |
| 11/2011 | 11/2011 | 96 | 0.1 | 960 | BROODSTOCK | KITTITAS CO LAKES | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 90 | 0.1 | 900 | BROODSTOCK | SKAMANIA CO LAKES | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 103 | 0.1 | 1,030 | BROODSTOCK | CLARK CO LAKES | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 148 | 0.1 | 1,480 | BROODSTOCK | LEWIS CO LAKES | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 95 | 0.1 | 950 | BROODSTOCK | KLICKITAT CO LAKES | <input type="checkbox"/> |
| 11/2011 | 11/2012 | 40 | 0.1 | 400 | BROODSTOCK | COWLITZ CO LAKES | <input type="checkbox"/> |

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | |
| Planted | 9,000 | 180 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | FORD HATCHERY | 10,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 06/2009 | 07/2009 | 9,000 | 50.0 | 180 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CUTTHROAT
Run: WESTSLOPE
Stock: TWIN LAKES CR45.1140
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 6,800 | 27 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|-------------------|-----------|--------------------------|
| 09/2008 | 09/2008 | 6,800 | 250.0 | 27 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo:

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: EASTERN BROOK
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 30,000 | |
| Planted | 19,500 | 390 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | FORD HATCHERY | 30,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 05/2009 | 07/2009 | 19,500 | 50.0 | 390 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo:

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 6,850,000 | |
| Shipping | 4,238,500 | 1,000 |
| Receive | | |
| Planted | 199,247 | 74,227 |

Estimated Brood Data

Egg Take Goal 6,850,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------------|-----------|-----|--------------|------------|
| Shipped | 10/2008 | 10/2008 | LAKWOOD HATCHERY | 80,000 | | | EGGS EYED |
| Shipped | 10/2008 | 12/2008 | CASSIMER BAR HATCHERY | 1,000,000 | | | EGGS GREEN |
| Shipped | 10/2008 | 01/2009 | KENDALL CR HATCHERY | 200,000 | | | EGGS EYED |
| Shipped | 11/2008 | 12/2008 | COLUMBIA BASIN HATCH | 300,000 | | | EGGS EYED |
| Shipped | 11/2008 | 01/2009 | PUYALLUP HATCHERY | 675,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | NACHES HATCHERY | 280,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | VANCOUVER HATCHERY | 80,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | MERWIN HATCHERY | 100,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | MOSSYROCK HATCHERY | 400,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | TOKUL CR HATCHERY | 62,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | ARLINGTON HATCHERY | 360,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | REG 5 ED COOPS | 500 | | | EGGS EYED |
| Shipped | 12/2008 | 01/2009 | EELLS SPRINGS | 700,000 | | | EGGS EYED |
| Shipped | 09/2009 | 09/2009 | CARSON NFH | 1,000 | 1.0 | 1,000 | JUVENILE |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|--------------------------|-----------|--------------------------|
| 06/2009 | 06/2009 | 20,000 | 20.0 | 1,000 | JUVENILE | NORTHWESTERN LK (KLIC) | | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 3,000 | 50.0 | 60 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 07/2009 | 07/2009 | 8,000 | 3.0 | 2,667 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 4,400 | 3.0 | 1,467 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 6,800 | 3.0 | 2,267 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 8,200 | 3.0 | 2,733 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 10,500 | 3.0 | 3,500 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 01/2010 | 01/2010 | 2,400 | 3.0 | 800 | JUVENILE | FORT BORST PRK LK (LEWI) | | <input type="checkbox"/> |
| 03/2010 | 03/2010 | 3,000 | 3.0 | 1,000 | JUVENILE | WAHIAKUM CO LAKES | | <input type="checkbox"/> |
| 03/2010 | 03/2010 | 4,300 | 3.0 | 1,433 | JUVENILE | LK SACAJAWEA (COWL) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 17,400 | 3.0 | 5,800 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 12,100 | 3.0 | 4,033 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 7,000 | 3.0 | 2,333 | JUVENILE | BATTLE GROUND LK (CLAR) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 33,100 | 3.0 | 11,033 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 11,300 | 3.0 | 3,767 | JUVENILE | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 2,500 | 3.0 | 833 | JUVENILE | KIDNEY LK (SKAM) | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 3,000 | 3.0 | 1,000 | JUVENILE | FORT BORST PRK LK (LEWI) | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 5,400 | 3.0 | 1,800 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 10,400 | 3.0 | 3,467 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 2,110 | 3.0 | 703 | JUVENILE | BATTLE GROUND LK (CLAR) | | <input type="checkbox"/> |
| 06/2010 | 06/2010 | 3,800 | 3.0 | 1,267 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |
| 06/2010 | 06/2010 | 10,500 | 3.0 | 3,500 | JUVENILE | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 06/2010 | 06/2010 | 7,500 | 3.0 | 2,500 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 01/2011 | 01/2011 | 160 | 0.5 | 320 | BROODSTOCK | ROTARY LK (YAKI) | | <input type="checkbox"/> |
| 01/2011 | 01/2011 | 340 | 0.5 | 680 | BROODSTOCK | HORSESHOE LK (COWL) | | <input type="checkbox"/> |
| 11/2011 | 11/2011 | 164 | 0.2 | 988 | BROODSTOCK | KITTITAS CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 11/2011 | 220 | 0.2 | 1,100 | BROODSTOCK | YAKIMA CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 190 | 0.2 | 950 | BROODSTOCK | KLICKITAT CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 115 | 0.2 | 575 | BROODSTOCK | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 221 | 0.2 | 1,105 | BROODSTOCK | LEWIS CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 140 | 0.2 | 700 | BROODSTOCK | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 11/2011 | 01/2012 | 150 | 0.2 | 750 | BROODSTOCK | CLARK CO LAKES | | <input type="checkbox"/> |
| 04/2012 | 04/2012 | 12 | 0.1 | 96 | BROODSTOCK | TIMS PD (YAKI) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

| | | | | | | | |
|---------|---------|------------|-----|--------------|------------|-------------------------|--------------------------|
| 04/2012 | 04/2012 | 75 | 0.1 | 600 | BROODSTOCK | HORSETHIEF LK (KLIC) | <input type="checkbox"/> |
| 05/2012 | 05/2012 | 50 | 0.1 | 400 | BROODSTOCK | SARGE HUBBARD PD (YAKI) | <input type="checkbox"/> |
| 11/2012 | 11/2012 | 128 | 0.1 | 1,280 | BROODSTOCK | YAKIMA CO LAKES | <input type="checkbox"/> |
| 11/2012 | 11/2012 | 96 | 0.1 | 960 | BROODSTOCK | KITTITAS CO LAKES | <input type="checkbox"/> |
| 11/2012 | 01/2013 | 90 | 0.1 | 900 | BROODSTOCK | SKAMANIA CO LAKES | <input type="checkbox"/> |
| 11/2012 | 01/2013 | 103 | 0.1 | 1,030 | BROODSTOCK | CLARK CO LAKES | <input type="checkbox"/> |
| 11/2012 | 01/2013 | 40 | 0.1 | 400 | BROODSTOCK | COWLITZ CO LAKES | <input type="checkbox"/> |
| 11/2012 | 01/2013 | 148 | 0.1 | 1,480 | BROODSTOCK | LEWIS CO LAKES | <input type="checkbox"/> |
| 11/2012 | 01/2013 | 95 | 0.1 | 950 | BROODSTOCK | KLICKITAT CO LAKES | <input type="checkbox"/> |

Memo:

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GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: TIGER TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 20,000 | |
| Planted | 10,000 | 200 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 11/2008 | 11/2008 | FORD HATCHERY | 20,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 05/2009 | 07/2009 | 10,000 | 50.0 | 200 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo: Every even year.

Future Brood Document 2008 Final

GOLDENDALE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: CUTTHROAT
Run: WESTSLOPE
Stock: TWIN LAKES CR45.1140
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | |
| Planted | 6,800 | 27 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Received | 05/2009 | 05/2009 | CHELAN HATCHERY | 10,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|-------------------|-----------|--------------------------|
| 09/2009 | 09/2009 | 6,800 | 250.0 | 27 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 200,000 | 13,333 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------|------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | DEEP R NET PENS | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

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

Memo: BPA funded.

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 200,000 | 13,333 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------|------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | DEEP R NET PENS | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: GRAYS R 25.0093
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 500,000 | 20,000 |
| Receive | | |
| Planted | 150,000 | 13,636 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------|------|--------------|------------|
| Shipped | 11/2008 | 11/2008 | DEEP R NET PENS | 250,000 | 25.0 | 10,000 | JUVENILE |
| Shipped | 11/2008 | 11/2008 | DEEP R NET PENS | 250,000 | 25.0 | 10,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-----------------|-----------|-------------------------------------|
| 04/2009 | 04/2009 | 120,000 | 11.0 | 10,909 | JUVENILE | GRAYS R 25.0093 | AD | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 30,000 | 11.0 | 2,727 | JUVENILE | GRAYS R 25.0093 | AD | <input checked="" type="checkbox"/> |

Memo: BPA funded, released at 10-14 fpp.

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 200,000 | 13,333 |
| Receive | 250,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2008 | 11/2008 | COWLITZ SALMON HATCH | 250,000 | | | EGGS EYED |
| Shipped | 11/2009 | 11/2009 | DEEP R NET PENS | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

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

Memo: BPA funded.

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GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 200,000 | 13,333 |
| Receive | 270,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 08/2008 | 09/2008 | SPEELYAI HATCHERY | 270,000 | | | EGGS GREEN |
| Shipped | 11/2009 | 11/2009 | DEEP R NET PENS | 200,000 | 15.0 | 13,333 | JUVENILE |

Estimated Release Data

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

Memo:

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GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHUM
Run: NA
Stock: GRAYS R 25.0093
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 400,000 | |
| Shipping | | |
| Receive | | |
| Planted | 395,000 | 878 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|-------------|------------|-----------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 395,000 | 450.0 | 878 | JUVENILE | GRAYS R 25.0093 | | <input type="checkbox"/> |

Memo: Volitional release from hatchery at 250-450 fpp. Part of restoration/conservation program for lower Columbia River chum.

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GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: GRAYS R 25.0093
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 850,000 | |
| Shipping | 500,000 | 20,000 |
| Receive | | |
| Planted | 150,000 | 13,636 |

Estimated Brood Data

Egg Take Goal 850,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------|------|--------------|------------|
| Shipped | 11/2009 | 11/2009 | DEEP R NET PENS | 250,000 | 25.0 | 10,000 | JUVENILE |
| Shipped | 11/2009 | 11/2009 | DEEP R NET PENS | 250,000 | 25.0 | 10,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-----------------|-----------|-------------------------------------|
| 04/2010 | 04/2010 | 120,000 | 11.0 | 10,909 | JUVENILE | GRAYS R 25.0093 | AD | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 30,000 | 11.0 | 2,727 | JUVENILE | GRAYS R 25.0093 | AD | <input checked="" type="checkbox"/> |

Memo: BPA funded, released at 10-14 fpp.

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 40,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 05/2009 | 05/2009 | 40,000 | 5.0 | 8,000 | JUVENILE | GRAYS R 25.0093 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 190,000 | 633 |
| Receive | 250,000 | |
| Planted | 40,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------|-------|--------------|------------|
| Received | 12/2008 | 12/2008 | ELOCHOMAN HATCHERY | 250,000 | | | EGGS EYED |
| Shipped | 04/2009 | 06/2009 | ELOCHOMAN HATCHERY | 190,000 | 300.0 | 633 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 05/2010 | 05/2010 | 40,000 | 5.0 | 8,000 | JUVENILE | GRAYS R 25.0093 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 395,000 | 30,385 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|---------|------|--------------|------------|
| Shipped | 12/2008 | 12/2008 | GOBAR POND (27) | 395,000 | 13.0 | 30,385 | JUVENILE |

Estimated Release Data

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

Memo: May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 350,000 | 20,588 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 320,000 | 17.0 | 18,824 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 04/2009 | 06/2009 | 30,000 | 17.0 | 1,765 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station release.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 5,500,000 | |
| Shipping | 2,600,250 | |
| Receive | | |
| Planted | 2,500,000 | 31,250 |

Estimated Brood Data

Egg Take Goal 5,500,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|-----------|-----|--------------|------------|
| Shipped | 12/2008 | 12/2008 | FALLERT CR HATCHERY | 2,600,000 | | | EGGS EYED |
| Shipped | 12/2008 | 12/2008 | REG 5 ED COOPS | 250 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|------------------|-----------|-------------------------------------|
| 05/2009 | 06/2009 | 2,410,000 | 80.0 | 30,125 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 05/2009 | 06/2009 | 90,000 | 80.0 | 1,125 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station release 50-80 fpp,

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 590,000 | |
| Shipping | 545,000 | 31,885 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 590,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 06/2009 | 07/2009 | FALLERT CR HATCHERY | 150,000 | 100.0 | 1,500 | JUVENILE |
| Shipped | 12/2009 | 12/2009 | GOBAR POND (27) | 395,000 | 13.0 | 30,385 | JUVENILE |

Estimated Release Data

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

Memo: May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 460,000 | |
| Shipping | | |
| Receive | | |
| Planted | 350,000 | 20,588 |

Estimated Brood Data

Egg Take Goal 460,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2010 | 06/2010 | 320,000 | 17.0 | 18,824 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 04/2010 | 06/2010 | 30,000 | 17.0 | 1,765 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station release.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 65,000 | 8,125 |
| Receive | 70,000 | 70 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|---------|--------------|------------|
| Received | 06/2008 | 08/2008 | FALLERT CR HATCHERY | 70,000 | 1,000.0 | 70 | JUVENILE |
| Shipped | 03/2009 | 03/2009 | GOBAR POND (27) | 65,000 | 8.0 | 8,125 | JUVENILE |

Estimated Release Data

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

Memo: Stages of the rearing cycle may take place at Fallert Creek.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 45,000 | 8,182 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 45,000 | 5.5 | 8,182 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 90,000 | |
| Shipping | 155,000 | 8,125 |
| Receive | 70,000 | 70 |
| Planted | | |

Estimated Brood Data

Egg Take Goal 90,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|---------|--------------|------------|
| Shipped | 01/2009 | 03/2009 | FALLERT CR HATCHERY | 90,000 | | | EGGS GREEN |
| Received | 06/2009 | 08/2009 | FALLERT CR HATCHERY | 70,000 | 1,000.0 | 70 | JUVENILE |
| Shipped | 03/2010 | 03/2010 | GOBAR POND (27) | 65,000 | 8.0 | 8,125 | JUVENILE |

Estimated Release Data

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

Memo: Stages of the rearing cycle may take place at Fallert Creek.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 90,000 | |
| Shipping | | |
| Receive | | |
| Planted | 45,000 | 8,182 |

Estimated Brood Data

Egg Take Goal 90,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 45,000 | 5.5 | 8,182 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

KALAMA FALLS HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: KALAMA R 27.0002
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 90,000 | |
| Shipping | 60,000 | |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 90,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Shipped | 01/2009 | 03/2009 | FALLERT CR HATCHERY | 60,000 | | | EGGS GREEN |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: KLICKITAT R 30.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 600,000 | 42,857 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 03/2009 | 05/2009 | 427,100 | 14.0 | 30,507 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 03/2009 | 05/2009 | 172,900 | 14.0 | 12,350 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station plant, released 12-15 fpp.

Future Brood Document 2008 Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 1,000,000 | 66,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 955,000 | 15.0 | 63,667 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 04/2009 | 06/2009 | 45,000 | 15.0 | 3,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station plant, release at 15-17 fpp.

Future Brood Document 2008 Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 500 | |
| Receive | 5,000,000 | |
| Planted | 4,050,000 | 50,625 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|------------------|-----|--------------|------------|
| Received | 10/2008 | 12/2008 | LTL WHITE SALMON NFH | 5,000,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | REG 5 ED COOPS | 500 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 04/2009 | 06/2009 | 450,000 | 80.0 | 5,625 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |
| 04/2009 | 06/2009 | 172,900 | 80.0 | 2,161 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |
| 05/2009 | 06/2009 | 3,427,100 | 80.0 | 42,839 | JUVENILE | KLICKITAT R 30.0002 | | <input type="checkbox"/> |

Memo: Station plant. Release size of 50-80 fpp. Majority may come from Priest. Eggs may come from any URB stock.

Future Brood Document 2008 Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: KLICKITAT R 30.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 950,000 | |
| Shipping | | |
| Receive | | |
| Planted | 600,000 | 42,857 |

Estimated Brood Data

Egg Take Goal 950,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 03/2010 | 05/2010 | 427,100 | 14.0 | 30,507 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 03/2010 | 05/2010 | 172,900 | 14.0 | 12,350 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station plant, released 12-15 fpp.

Future Brood Document 2008 Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,300,000 | |
| Planted | 1,000,000 | 66,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|-----------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | WASHOUGAL HATCHERY | 1,300,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|---------------------|-----------|-------------------------------------|
| 04/2010 | 06/2010 | 955,000 | 15.0 | 63,667 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 04/2010 | 06/2010 | 45,000 | 15.0 | 3,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |

Memo: On station plant, release at 15-17 fpp.

Future Brood Document 2008 Final

KLINELINE PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 20,000 | 2,222 |
| Planted | 20,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | SKAMANIA HATCHERY | 20,000 | 9.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 20,000 | 5.0 | 4,000 | JUVENILE | SALMON CR 28.0059 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

KLINELINE PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 20,000 | 2,222 |
| Planted | 20,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | SKAMANIA HATCHERY | 20,000 | 9.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-------------------|-----------|--------------------------|
| 03/2010 | 03/2010 | 20,000 | 5.0 | 4,000 | JUVENILE | SALMON CR 28.0059 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

KRAUS RYDERWOOD PROJ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,000 | 10 |
| Planted | 1,000 | 10 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-------|--------------|------------|
| Received | 06/2009 | 06/2009 | COWLITZ SALMON HATCH | 1,000 | 100.0 | 10 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|---------------------|-----------|--------------------------|
| 06/2009 | 06/2009 | 1,000 | 100.0 | 10 | JUVENILE | CAMPBELL CR 26.0443 | AD | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 900,000 | 112,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|-----------------|-----------|-------------------------------------|
| 02/2009 | 03/2009 | 600,000 | 8.0 | 75,000 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 02/2009 | 03/2009 | 150,000 | 8.0 | 18,750 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 02/2009 | 03/2009 | 150,000 | 8.0 | 18,750 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 815,000 | 50,938 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 665,000 | 16.0 | 41,563 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 04/2009 | 05/2009 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 880,000 | 55,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 04/2009 | 05/2009 | 730,000 | 16.0 | 45,625 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 04/2009 | 05/2009 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 950,000 | 10,556 |
| Planted | 900,000 | 112,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 05/2009 | 05/2009 | SPEELYAI HATCHERY | 950,000 | 90.0 | 10,556 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|-------------------------------------|
| 02/2010 | 03/2010 | 600,000 | 8.0 | 75,000 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 02/2010 | 03/2010 | 150,000 | 8.0 | 18,750 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 02/2010 | 03/2010 | 150,000 | 8.0 | 18,750 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 3,000,000 | |
| Shipping | 1,946,500 | |
| Receive | | |
| Planted | 815,000 | 50,938 |

Estimated Brood Data

Egg Take Goal 3,000,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------------|-----------|-----|--------------|------------|
| Shipped | 11/2008 | 12/2008 | WASHOUGAL HATCHERY | 1,300,000 | | | EGGS GREEN |
| Shipped | 01/2009 | 01/2009 | CLARK COUNTY PUD | 70,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | STEVE SYVERSON PROJ | 5,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | VERNERSBORG FIREFIGHTERS | 90,000 | | | EGGS EYED |
| Shipped | 01/2009 | 01/2009 | REG 5 ED COOPS | 21,500 | | | EGGS EYED |
| Shipped | 02/2009 | 02/2009 | FISH FIRST RSI+NP | 460,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-----------------|-----------|-------------------------------------|
| 04/2010 | 05/2010 | 665,000 | 16.0 | 41,563 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 04/2010 | 05/4010 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,050,000 | |
| Planted | 880,000 | 55,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|-----------|-----|--------------|------------|
| Received | 11/2008 | 11/2008 | SPEELYAI HATCHERY | 1,050,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-----------------|-----------|-------------------------------------|
| 04/2010 | 05/2010 | 730,000 | 16.0 | 45,625 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 04/2010 | 05/2010 | 75,000 | 16.0 | 4,688 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: WHITE R 45.1116
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 8,824 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Shipped | 03/2009 | 03/2009 | LK WENATCHEE NET PENS | 150,000 | 17.0 | 8,824 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 8,700,000 | |
| Shipping | 6,710,000 | 4,875 |
| Receive | | |
| Planted | 2,000,000 | 22,222 |

Estimated Brood Data

Egg Take Goal 8,700,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------------|-----------|-------|--------------|------------|
| Shipped | 10/2008 | 12/2008 | KLICKITAT HATCHERY (YKFP) | 5,000,000 | | | EGGS GREEN |
| Shipped | 03/2009 | 03/2009 | USGS LABS - COOK, WA | 10,000 | 556.0 | 18 | JUVENILE |
| Shipped | 04/2009 | 04/2009 | YAKIMA HATCHERY | 1,700,000 | 350.0 | 4,857 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|----------------------|-----------|--------------------------|
| 06/2009 | 06/2009 | 2,000,000 | 90.0 | 22,222 | JUVENILE | LITTL WHITE SALMON R | AD | <input type="checkbox"/> |

Memo: Shipped to USGS/BRD/CRRL.

Future Brood Document 2008 Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: WHITE R 45.1116
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 8,824 |
| Receive | 150,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Received | 09/2008 | 09/2008 | AQUASEED HATCHERY | 150,000 | | | EGGS EYED |
| Shipped | 03/2010 | 03/2010 | LK WENATCHEE NET PENS | 150,000 | 17.0 | 8,824 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 75,000 | 6,250 |
| Receive | 9,000 | 15,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|------|--------------|------------|
| Shipped | 11/2008 | 12/2008 | SPEELYAI HATCHERY | 75,000 | 12.0 | 6,250 | JUVENILE |
| Received | 06/2009 | 06/2009 | SPEELYAI HATCHERY | 7,000 | 1.0 | 7,000 | JUVENILE |
| Received | 06/2010 | 06/2010 | SPEELYAI BAY NP | 2,000 | 0.3 | 8,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 75,000 | 6,250 |
| Receive | 109,000 | 15,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------|------|--------------|------------|
| Received | 12/2008 | 12/2008 | GOLDENDALE HATCHERY | 100,000 | | | EGGS EYED |
| Shipped | 11/2009 | 12/2009 | SPEELYAI HATCHERY | 75,000 | 12.0 | 6,250 | JUVENILE |
| Received | 06/2010 | 06/2010 | SPEELYAI HATCHERY | 7,000 | 1.0 | 7,000 | JUVENILE |
| Received | 06/2011 | 06/2011 | SPEELYAI BAY NP | 2,000 | 0.3 | 8,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 400,000 | |
| Shipping | 95,000 | 6,400 |
| Receive | | |
| Planted | 175,000 | 36,458 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Shipped | 10/2008 | 10/2008 | ELOCHOMAN HATCHERY | 35,000 | 25.0 | 1,400 | JUVENILE |
| Shipped | 11/2008 | 11/2008 | FISH FIRST RSI+NP | 60,000 | 12.0 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 175,000 | 4.8 | 36,458 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |

Memo: Up to 80% of a given eggtake may be IHN positive. Release 4/15 to 5/15.

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 100,000 | 20,833 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 100,000 | 4.8 | 20,833 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15..

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 400,000 | |
| Shipping | 155,000 | 6,400 |
| Receive | | |
| Planted | 175,000 | 36,458 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|------|--------------|------------|
| Shipped | 02/2009 | 02/2009 | SKAMANIA HATCHERY | 60,000 | | | EGGS EYED |
| Shipped | 10/2009 | 10/2009 | ELOCHOMAN HATCHERY | 35,000 | 25.0 | 1,400 | JUVENILE |
| Shipped | 11/2009 | 11/2009 | FISH FIRST RSI+NP | 60,000 | 12.0 | 5,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 175,000 | 4.8 | 36,458 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |

Memo: Up to 80% of a given eggtake may be IHN positive. Release 4/15 to 5/15.

Future Brood Document 2008 Final

MERWIN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 145,000 | |
| Shipping | | |
| Receive | | |
| Planted | 100,000 | 20,833 |

Estimated Brood Data

Egg Take Goal 145,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-----|---------------|------------|-----------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 100,000 | 4.8 | 20,833 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15..

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 45,000 | 11,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 03/2009 | 04/2009 | 24,000 | 4.0 | 6,000 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 03/2009 | 04/2009 | 14,000 | 4.0 | 3,500 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 4,000 | 4.0 | 1,000 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 1,500 | 3.0 | 500 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 1,500 | 3.0 | 500 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo: Swofford Pond plant is mitigation, contingent upon receipt of funding.

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 8,000 | 889 |
| Receive | | |
| Planted | 268,300 | 68,767 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Shipped | 01/2009 | 01/2009 | ONALASKA HS(ONALASK | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|--------------------|-----------|--------------------------|
| 09/2008 | 09/2008 | 100,000 | 20.0 | 5,000 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |
| 03/2009 | 03/2009 | 17,750 | 3.0 | 5,917 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 03/2009 | 05/2009 | 40,000 | 2.0 | 20,000 | JUVENILE | MAYFIELD LK (26) | AD | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 41,250 | 3.0 | 13,750 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 10,000 | 3.0 | 3,333 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 10,000 | 3.0 | 3,333 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 15,000 | 4.0 | 3,750 | JUVENILE | MINERAL LK (LEWI) | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 15,000 | 2.5 | 6,000 | JUVENILE | MINERAL LK (LEWI) | | <input type="checkbox"/> |
| 04/2009 | 08/2009 | 3,750 | 2.0 | 1,875 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 10,800 | 3.0 | 3,600 | JUVENILE | CLEAR LK (YAKI) | | <input type="checkbox"/> |
| 05/2009 | 08/2009 | 3,750 | 2.0 | 1,875 | JUVENILE | MAYFIELD LK (26) | AD | <input type="checkbox"/> |

Memo: Mayfield and Swofford Pond Mitigation Plants.

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 75,000 | |
| Planted | 45,000 | 11,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|---------------|-----|--------------|------------|
| Received | 11/2008 | 11/2008 | FORD HATCHERY | 75,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|--------------|------------|--------------------|-----------|--------------------------|
| 03/2010 | 04/2010 | 24,000 | 4.0 | 6,000 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 03/2010 | 04/2010 | 14,000 | 4.0 | 3,500 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 4,000 | 4.0 | 1,000 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 1,500 | 3.0 | 500 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 1,500 | 3.0 | 500 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo: Swofford Pond plant is mitigation, contingent upon receipt of funding.

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CUTTHROAT
Run: WESTSLOPE
Stock: TWIN LAKES CR45.1140
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 8,000 | 32 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-------|-------------|------------|----------------|-----------|--------------------------|
| 09/2008 | 09/2008 | 8,000 | 250.0 | 32 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo: Non-mitigation

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: GOLDEN TROUT
Run: NA
Stock: CALIF-MT WHITNEY
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 12,000 | |
| Planted | 10,000 | 40 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Received | 08/2008 | 08/2008 | CHELAN HATCHERY | 12,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|--------------|-----------|--------------------------|
| 09/2008 | 09/2008 | 10,000 | 250.0 | 40 | JUVENILE | REG 5 LAKES | | <input type="checkbox"/> |

Memo: Non-mitigation. Next planting in 2009.

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 8,000 | 889 |
| Receive | 400,000 | |
| Planted | 338,300 | 88,290 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|---------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | GOLDENDALE HATCHERY | 400,000 | | | EGGS EYED |
| Shipped | 01/2010 | 01/2010 | ONALASKA HS(ONALASK | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|---------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 40,000 | 3.5 | 11,429 | JUVENILE | MAYFIELD RES (LEWI) | | <input type="checkbox"/> |
| 09/2009 | 09/2009 | 100,000 | 20.0 | 5,000 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |
| 03/2010 | 03/2010 | 17,750 | 3.0 | 5,917 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 03/2010 | 03/2010 | 40,000 | 2.0 | 20,000 | JUVENILE | MAYFIELD LK (26) | AD | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 41,250 | 3.0 | 13,750 | JUVENILE | COWLITZ CO LAKES | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 40,000 | 3.5 | 11,429 | JUVENILE | MAYFIELD RES (LEWI) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 10,000 | 3.0 | 3,333 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 15,000 | 4.0 | 3,750 | JUVENILE | MINERAL LK (LEWI) | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 15,000 | 2.5 | 6,000 | JUVENILE | MINERAL LK (LEWI) | | <input type="checkbox"/> |
| 04/2010 | 08/2010 | 3,750 | 2.0 | 1,875 | JUVENILE | SWOFFORD PD (LEWI) | | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 10,800 | 3.0 | 3,600 | JUVENILE | CLEAR LK (YAKI) | | <input type="checkbox"/> |
| 05/2010 | 08/2010 | 3,750 | 2.0 | 1,875 | JUVENILE | MAYFIELD RES (LEWI) | | <input type="checkbox"/> |

Memo: Mayfield and Swofford Pond Mitigation Plants.

Future Brood Document 2008 Final

MOSSYROCK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: CUTTHROAT
Run: WESTSLOPE
Stock: TWIN LAKES CR45.1140
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 10,000 | |
| Planted | 8,000 | 32 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Received | 05/2009 | 05/2009 | CHELAN HATCHERY | 10,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|----------------|-----------|--------------------------|
| 09/2009 | 09/2009 | 8,000 | 250.0 | 32 | JUVENILE | LEWIS CO LAKES | | <input type="checkbox"/> |

Memo: Non-mitigation

Future Brood Document 2008 Final

NORTH TOUTLE HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: TOUTLE R 26.0227
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 800,000 | 53,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 05/2009 | 05/2009 | 770,000 | 15.0 | 51,333 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 30,000 | 15.0 | 2,000 | JUVENILE | GREEN R 26.0323 | AD | <input checked="" type="checkbox"/> |

Memo: Will backfill from Grays River if necessary.

Future Brood Document 2008 Final

NORTH TOUTLE HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: TOUTLE R 26.0227
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 2,750,000 | |
| Shipping | | |
| Receive | | |
| Planted | 2,500,000 | 31,250 |

Estimated Brood Data

Egg Take Goal 2,750,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 06/2009 | 07/2009 | 2,410,000 | 80.0 | 30,125 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |
| 06/2009 | 07/2009 | 90,000 | 80.0 | 1,125 | JUVENILE | GREEN R 26.0323 | AD | <input checked="" type="checkbox"/> |

Memo: Will backfill with other Tule stocks if necessary. By approval only.

Future Brood Document 2008 Final

NORTH TOUTLE HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: TOUTLE R 26.0227
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 1,000,000 | |
| Shipping | | |
| Receive | | |
| Planted | 800,000 | 53,333 |

Estimated Brood Data

Egg Take Goal 1,000,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 05/2010 | 05/2010 | 770,000 | 15.0 | 51,333 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |
| 05/2010 | 05/2010 | 30,000 | 15.0 | 2,000 | JUVENILE | GREEN R 26.0323 | AD | <input checked="" type="checkbox"/> |

Memo: Will backfill from Grays River if necessary.

Future Brood Document 2008 Final

NORTH TOUTLE HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 25,500 | 3,188 |
| Planted | 25,000 | 4,545 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | SKAMANIA HATCHERY | 25,500 | 8.0 | 3,188 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 25,000 | 5.5 | 4,545 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

NORTH TOUTLE HATCHRY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 25,500 | 3,188 |
| Planted | 25,000 | 4,545 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 02/2010 | 02/2010 | SKAMANIA HATCHERY | 25,500 | 8.0 | 3,188 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|-----------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 25,000 | 5.5 | 4,545 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 8,000 | 889 |
| Planted | 8,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | MOSSYROCK HATCHERY | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 8,000 | 2.0 | 4,000 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

ONALASKA HS(ONALASK

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 8,000 | 889 |
| Planted | 8,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2010 | 01/2010 | MOSSYROCK HATCHERY | 8,000 | 9.0 | 889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|--------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 8,000 | 2.0 | 4,000 | JUVENILE | CARLISLE LK (LEWI) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

PETERSON PROJECT

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: CHINOOK R 24.0800
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500 | 2 |
| Planted | 500 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-------|--------------|------------|
| Received | 04/2009 | 04/2009 | SEA RESOURCES HATCH | 500 | 250.0 | 2 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|----------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 500 | 500.0 | 1 | JUVENILE | COLUMBIA R - GENERAL | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 250 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | KALAMA FALLS HATCHRY | 250 | | | EGGS EYED |

Estimated Release Data

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

Memo: To approved list of SIC projects.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | KLICKITAT HATCHERY (YKFP) | 500 | | | EGGS EYED |

Estimated Release Data

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

Memo: For Goldendale FFA. Transfer if coho not available.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,700 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | COWLITZ SALMON HATCH | 1,700 | | | EGGS EYED |

Estimated Release Data

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

Memo: To approved list of SIC projects. Including Coal Creek.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: ELOCHOMAN R 25.0236
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 01/2008 | 01/2008 | ELOCHOMAN HATCHERY | 500 | | | EGGS EYED |

Estimated Release Data

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

Memo: Aquarium in the classroom project. Cathlamet High School.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 21,500 | |
| Planted | 10,000 | 7 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | LEWIS RIVER HATCHERY | 21,500 | | | EGGS EYED |

Estimated Release Data

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

Memo: Planted into Gee Creek egg box from Ridgefield High School.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: WASHOUGAL R 28.0159
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 03/2009 | 03/2009 | WASHOUGAL HATCHERY | 500 | | | EGGS EYED |

Estimated Release Data

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

Memo: To approved list of SIC projects.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: KALAMA R 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 1,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 11/2008 | 11/2008 | FALLERT CR HATCHERY | 1,000 | | | EGGS EYED |

Estimated Release Data

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

Memo: To approved list of SIC projects.

Future Brood Document 2008 Final

REG 5 ED COOPS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 500 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | GOLDENDALE HATCHERY | 500 | | | EGGS EYED |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SEA RESOURCES HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE S
Stock: CHINOOK R 24.0800
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 52,500 | 3,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 06/2009 | 06/2009 | 52,500 | 15.0 | 3,500 | JUVENILE | CHINOOK R 24.0800 | AD | <input type="checkbox"/> |

Memo: 10-15 fpp.

Future Brood Document 2008 Final

SEA RESOURCES HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: CHINOOK R 24.0800
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 140,000 | |
| Shipping | | |
| Receive | | |
| Planted | 107,500 | 1,075 |

Estimated Brood Data

Egg Take Goal 140,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|-------------------|-----------|-------------------------------------|
| 06/2009 | 06/2009 | 107,500 | 100.0 | 1,075 | JUVENILE | CHINOOK R 24.0800 | AD | <input checked="" type="checkbox"/> |

Memo: 80-100 fpp.

Future Brood Document 2008 Final

SEA RESOURCES HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHUM
Run: NA
Stock: CHINOOK R 24.0800
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|---------------------|---------------------|
| Egg Take | 100,000 | |
| Shipping | | |
| Receive | | |
| Planted | 100,000 | 222 |

Estimated Brood Data

Egg Take Goal 100,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|-------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 100,000 | 450.0 | 222 | JUVENILE | CHINOOK R 24.0800 | | <input type="checkbox"/> |

Memo: 250-400 fpp.

Future Brood Document 2008 Final

SEA RESOURCES HATCH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: CHINOOK R 24.0800
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 75,000 | |
| Shipping | 500 | 2 |
| Receive | | |
| Planted | 52,500 | 3,500 |

Estimated Brood Data

Egg Take Goal 75,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|------------------|--------|-------|--------------|------------|
| Shipped | 04/2009 | 04/2009 | PETERSON PROJECT | 500 | 250.0 | 2 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|-------------------|-----------|--------------------------|
| 06/2010 | 06/2010 | 52,500 | 15.0 | 3,500 | JUVENILE | CHINOOK R 24.0800 | AD | <input type="checkbox"/> |

Memo: 10-15 fpp.

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CUTTHROAT
Run: ANADROMOUS COASTAL
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 14,000 | |
| Shipping | | |
| Receive | | |
| Planted | 8,000 | 3,838 |

Estimated Brood Data

Egg Take Goal 14,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|--------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 6,000 | 2.2 | 2,727 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |
| 09/2009 | 09/2009 | 2,000 | 1.8 | 1,111 | JUVENILE | SKAMANIA CO LAKES | | <input type="checkbox"/> |

Memo: Funded by Clark County PUD.

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 8,333 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Shipped | 03/2009 | 03/2009 | FISH FIRST RSI+NP | 50,000 | 6.0 | 8,333 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 80,500 | 9,313 |
| Receive | 250,000 | 2,500 |
| Planted | 204,000 | 40,800 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 07/2008 | 07/2008 | VANCOUVER HATCHERY | 250,000 | 100.0 | 2,500 | JUVENILE |
| Shipped | 11/2008 | 11/2008 | FALLERT CR HATCHERY | 30,000 | 10.0 | 3,000 | JUVENILE |
| Shipped | 02/2009 | 02/2009 | NORTH TOUTLE HATCHRY | 25,500 | 8.0 | 3,188 | JUVENILE |
| Shipped | 02/2009 | 02/2009 | COWLITZ GAME&ANGLERS | 25,000 | 8.0 | 3,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 90,000 | 5.0 | 18,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 24,000 | 5.0 | 4,800 | JUVENILE | WHITE SALMON 29.0160 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 60,000 | 5.0 | 12,000 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 30,000 | 5.0 | 6,000 | JUVENILE | LEWIS R -EF 27.0173 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: WINTER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 20,000 | 2,222 |
| Receive | | |
| Planted | 170,000 | 34,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Shipped | 02/2009 | 02/2009 | KLINELINE PONDS | 20,000 | 9.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 20,000 | 5.0 | 4,000 | JUVENILE | WHITE SALMON 29.0160 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 60,000 | 5.0 | 12,000 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 90,000 | 5.0 | 18,000 | JUVENILE | LEWIS R -EF 27.0173 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 50,000 | 8,333 |
| Receive | 60,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 02/2009 | 02/2009 | MERWIN HATCHERY | 60,000 | | | EGGS EYED |
| Shipped | 03/2010 | 03/2010 | FISH FIRST RSI+NP | 50,000 | 6.0 | 8,333 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 400,000 | |
| Shipping | 355,500 | 9,313 |
| Receive | 250,000 | 2,500 |
| Planted | 204,000 | 40,800 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 02/2009 | 02/2009 | VANCOUVER HATCHERY | 275,000 | | | EGGS EYED |
| Received | 07/2009 | 07/2009 | VANCOUVER HATCHERY | 250,000 | 100.0 | 2,500 | JUVENILE |
| Shipped | 11/2009 | 11/2009 | FALLERT CR HATCHERY | 30,000 | 10.0 | 3,000 | JUVENILE |
| Shipped | 02/2010 | 02/2010 | NORTH TOUTLE HATCHRY | 25,500 | 8.0 | 3,188 | JUVENILE |
| Shipped | 02/2010 | 02/2010 | COWLITZ GAME&ANGLERS | 25,000 | 8.0 | 3,125 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 90,000 | 5.0 | 18,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 24,000 | 5.0 | 4,800 | JUVENILE | WHITE SALMON 29.0160 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 60,000 | 5.0 | 12,000 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 30,000 | 5.0 | 6,000 | JUVENILE | LEWIS R -EF 27.0173 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

SKAMANIA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: WINTER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 230,000 | |
| Shipping | 20,000 | 2,222 |
| Receive | | |
| Planted | 170,000 | 34,000 |

Estimated Brood Data

Egg Take Goal 230,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|-----|--------------|------------|
| Shipped | 02/2010 | 02/2010 | KLINELINE PONDS | 20,000 | 9.0 | 2,222 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------------|-----------|--------------------------|
| 04/2010 | 05/2010 | 20,000 | 5.0 | 4,000 | JUVENILE | WHITE SALMON 29.0160 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 60,000 | 5.0 | 12,000 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 04/2010 | 05/2010 | 90,000 | 5.0 | 18,000 | JUVENILE | LEWIS R -EF 27.0173 | AD | <input type="checkbox"/> |

Memo: Release 4/15 to 5/15.

Future Brood Document 2008 Final

SPEELYAI BAY NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 2,000 | 8,000 |
| Receive | 2,000 | 2,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 11/2009 | 11/2009 | SPEELYAI HATCHERY | 2,000 | 1.0 | 2,000 | JUVENILE |
| Shipped | 06/2010 | 06/2010 | MERWIN HATCHERY | 2,000 | 0.3 | 8,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SPEELYAI BAY NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: KOKANEE
Run: NA
Stock: LK MERWIN STOCK
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 48,000 | 4,364 |
| Planted | 48,000 | 8,421 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|------|--------------|------------|
| Received | 11/2009 | 11/2009 | SPEELYAI HATCHERY | 48,000 | 11.0 | 4,364 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 03/2010 | 04/2010 | 48,000 | 5.7 | 8,421 | JUVENILE | LK MERWIN (COWL) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

SPEELYAI BAY NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 2,000 | 8,000 |
| Receive | 2,000 | 2,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 11/2010 | 11/2010 | SPEELYAI HATCHERY | 2,000 | 1.0 | 2,000 | JUVENILE |
| Shipped | 06/2011 | 06/2011 | MERWIN HATCHERY | 2,000 | 0.3 | 8,000 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 15,833 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|--------|------|--------------|------------|
| Shipped | 12/2008 | 12/2008 | FISH FIRST RSI+NP | 75,000 | 10.0 | 7,500 | JUVENILE |
| Shipped | 01/2009 | 01/2009 | FISH FIRST RSI+NP | 75,000 | 9.0 | 8,333 | JUVENILE |

Estimated Release Data

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

Memo: Echo Bay Net Pens.

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: KOKANEE
Run: NA
Stock: LK MERWIN STOCK
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 93,000 | 12,512 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|------------------|-----------|--------------------------|
| 10/2008 | 10/2008 | 45,000 | 11.0 | 4,091 | JUVENILE | LK MERWIN (COWL) | | <input type="checkbox"/> |
| 03/2009 | 04/2009 | 48,000 | 5.7 | 8,421 | JUVENILE | LK MERWIN (COWL) | | <input type="checkbox"/> |

Memo: Resident program for Lake Merwin.

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 9,000 | 9,000 |
| Receive | 75,000 | 6,250 |
| Planted | 60,000 | 20,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 11/2008 | 12/2008 | MERWIN HATCHERY | 75,000 | 12.0 | 6,250 | JUVENILE |
| Shipped | 06/2009 | 06/2009 | MERWIN HATCHERY | 7,000 | 1.0 | 7,000 | JUVENILE |
| Shipped | 11/2009 | 11/2009 | SPEELYAI BAY NP | 2,000 | 1.0 | 2,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 04/2009 | 04/2009 | 60,000 | 3.0 | 20,000 | JUVENILE | SWIFT RES (SKAM) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 1,650,000 | |
| Shipping | 1,370,000 | 26,389 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 1,650,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|----------------|------|---------------|------------|
| Shipped | 08/2008 | 09/2008 | GRAYS RIVER HATCHERY | 270,000 | | | EGGS GREEN |
| Shipped | 05/2009 | 06/2009 | LEWIS RIVER HATCHERY | 950,000 | 90.0 | 10,556 | JUVENILE |
| Shipped | 12/2009 | 12/2009 | FISH FIRST RSI+NP | 75,000 | 10.0 | 7,500 | JUVENILE |
| Shipped | 01/2010 | 01/2010 | FISH FIRST RSI+NP | 75,000 | 9.0 | 8,333 | JUVENILE |

Estimated Release Data

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

Memo: Echo Bay Net Pens.

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 440,000 | |
| Shipping | 400,000 | |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 440,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|--------------------|---------|-----|--------------|------------|
| Shipped | 01/2009 | 01/2009 | WASHOUGAL HATCHERY | 400,000 | | | EGGS EYED |

Estimated Release Data

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

Memo: All eggs otolith marked.

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE S
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 1,150,000 | |
| Shipping | 1,050,000 | |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 1,150,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|-----------|-----|--------------|------------|
| Shipped | 11/2008 | 11/2008 | LEWIS RIVER HATCHERY | 1,050,000 | | | EGGS EYED |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: KOKANEE
Run: NA
Stock: LK MERWIN STOCK
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 140,000 | |
| Shipping | 48,000 | 4,364 |
| Receive | | |
| Planted | 45,000 | 4,091 |

Estimated Brood Data

Egg Take Goal 140,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Shipped | 11/2009 | 11/2009 | SPEELYAI BAY NP | 48,000 | 11.0 | 4,364 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|------------------|-----------|--------------------------|
| 10/2009 | 10/2009 | 45,000 | 11.0 | 4,091 | JUVENILE | LK MERWIN (COWL) | | <input type="checkbox"/> |

Memo: Resident program for Lake Merwin.

Future Brood Document 2008 Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 9,000 | 9,000 |
| Receive | 75,000 | 6,250 |
| Planted | 60,000 | 20,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 11/2009 | 12/2009 | MERWIN HATCHERY | 75,000 | 12.0 | 6,250 | JUVENILE |
| Shipped | 06/2010 | 06/2010 | MERWIN HATCHERY | 7,000 | 1.0 | 7,000 | JUVENILE |
| Shipped | 11/2010 | 11/2010 | SPEELYAI BAY NP | 2,000 | 1.0 | 2,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|------------------|-----------|--------------------------|
| 04/2010 | 04/2010 | 60,000 | 3.0 | 20,000 | JUVENILE | SWIFT RES (SKAM) | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

SPRING CR NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: SPRING CR 29.0159
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 19,000,000 | |
| Shipping | 5,000 | |
| Receive | | |
| Planted | 15,100,000 | 155,706 |

Estimated Brood Data

Egg Take Goal 19,000,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|----------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 7,600,000 | 170.0 | 44,706 | JUVENILE | COLUMBIA R - GENERAL | AD | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 4,200,000 | 75.0 | 56,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input type="checkbox"/> |
| 05/2009 | 05/2009 | 3,300,000 | 60.0 | 55,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input type="checkbox"/> |

Memo: On-station sub-yearling release.

Future Brood Document 2008 Final

STEVE SYVERSON PROJ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 5,000 | |
| Planted | 5,000 | 3 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | LEWIS RIVER HATCHERY | 5,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|-------------|------------|-------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 5,000 | 1,500.0 | 3 | JUVENILE | SALMON CR 28.0059 | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

UPPER COWLITZ RESTOR

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: SPRING
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 300,000 | 2,727 |
| Planted | 300,000 | 2,727 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 04/2009 | 05/2009 | COWLITZ SALMON HATCH | 300,000 | 110.0 | 2,727 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|-------------|------------|------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 150,000 | 110.0 | 1,364 | JUVENILE | COWLITZ R -UPPER | RV | <input type="checkbox"/> |
| 04/2009 | 05/2009 | 150,000 | 110.0 | 1,364 | JUVENILE | COWLITZ R -UPPER | LV | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 23,000 | 11,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------|-----------|--------------------------|
| 12/2008 | 04/2009 | 23,000 | 2.0 | 11,500 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 70,000 | 35,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|-----|---------------|------------|----------------|-----------|--------------------------|
| 12/2008 | 04/2009 | 70,000 | 2.0 | 35,000 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: BROWN TROUT
Run: NA
Stock: FORD STOCK
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 25,000 | |
| Planted | 23,000 | 11,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | FORD HATCHERY | 25,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------|-----------|--------------------------|
| 12/2009 | 04/2010 | 23,000 | 2.0 | 11,500 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: RAINBOW
Run: NA
Stock: SPRING CR-GOLDENDALE
Brood Origin: HATCHERY
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 80,000 | |
| Planted | 70,000 | 35,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------|--------|-----|--------------|------------|
| Received | 12/2008 | 12/2008 | GOLDENDALE HATCHERY | 80,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|-------------|------------|----------------|-----------|--------------------------|
| 12/2009 | 04/2010 | 70,000 | 2.0 | 35,000 | JUVENILE | CLARK CO LAKES | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 250,000 | 2,500 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------|-------|--------------|------------|
| Shipped | 07/2008 | 07/2008 | SKAMANIA HATCHERY | 250,000 | 100.0 | 2,500 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

VANCOUVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2009
Species: STEELHEAD
Run: SUMMER
Stock: SKAMANIA-NF WASHOUGL
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 250,000 | 2,500 |
| Receive | 275,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------|-------|--------------|------------|
| Received | 02/2009 | 02/2009 | SKAMANIA HATCHERY | 275,000 | | | EGGS EYED |
| Shipped | 07/2009 | 07/2009 | SKAMANIA HATCHERY | 250,000 | 100.0 | 2,500 | JUVENILE |

Estimated Release Data

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

Memo:

Future Brood Document 2008 Final

VERNERSBORG FIREFIGHTERS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | 90,000 | |
| Planted | 90,000 | 60 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------------|-----|--------------|------------|
| Received | 01/2009 | 01/2009 | LEWIS RIVER HATCHERY | 90,000 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|---------|-------------|------------|-------------------|-----------|--------------------------|
| 03/2009 | 03/2009 | 90,000 | 1,500.0 | 60 | JUVENILE | SALMON CR 28.0059 | | <input type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: TYPE N
Stock: WASHOUGAL R 28.0159
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | | |
| Receive | | |
| Planted | 3,000,000 | 154,412 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|----------------|------------|---------------------|-----------|-------------------------------------|
| 04/2009 | 04/2009 | 2,440,000 | 20.0 | 122,000 | JUVENILE | KLICKITAT R 30.0002 | | <input type="checkbox"/> |
| 04/2009 | 04/2009 | 60,000 | 20.0 | 3,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |
| 05/2009 | 06/2009 | 470,000 | 17.0 | 27,647 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 05/2009 | 06/2009 | 30,000 | 17.0 | 1,765 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input checked="" type="checkbox"/> |

Memo: Remaining Klickitat River production planted at RM 18.

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHINOOK
Run: FALL
Stock: WASHOUGAL R 28.0159
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 4,700,000 | |
| Shipping | | |
| Receive | | |
| Planted | 4,000,000 | 50,000 |

Estimated Brood Data

Egg Take Goal 4,700,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 06/2009 | 06/2009 | 3,910,000 | 80.0 | 48,875 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 06/2009 | 06/2009 | 90,000 | 80.0 | 1,125 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input checked="" type="checkbox"/> |

Memo:

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: CHUM
Run: NA
Stock: COLUMBIA (N BONNEVL)
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 400,000 | |
| Shipping | | |
| Receive | | |
| Planted | 400,000 | 1,000 |

Estimated Brood Data

Egg Take Goal 400,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2009 | 05/2009 | 400,000 | 400.0 | 1,000 | JUVENILE | COLUMBIA R - GENERAL | OT | <input type="checkbox"/> |

Memo: Released into Columbia & tributaries near Bonneville. Take up to 400,000.

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 1,300,000 | |
| Receive | 1,300,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|---------------------------|-----------|-----|--------------|------------|
| Received | 11/2008 | 12/2008 | LEWIS RIVER HATCHERY | 1,300,000 | | | EGGS GREEN |
| Shipped | 01/2009 | 01/2009 | KLICKITAT HATCHERY (YKFP) | 1,300,000 | | | EGGS EYED |

Estimated Release Data

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

Memo: As needed to maintain Washougal/Klickitat Program.

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: WASHOUGAL R 28.0159
Brood Origin: HATCHERY
Integrated/Segregated: INTEGRATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | 3,700,000 | |
| Shipping | 500 | |
| Receive | | |
| Planted | 3,000,000 | 154,412 |

Estimated Brood Data

Egg Take Goal 3,700,000

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Shipped | 03/2009 | 03/2009 | REG 5 ED COOPS | 500 | | | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pound | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|-------------|------------|---------------------|-----------|-------------------------------------|
| 04/2010 | 04/2010 | 2,440,000 | 20.0 | 122,000 | JUVENILE | KLICKITAT R 30.0002 | | <input type="checkbox"/> |
| 04/2010 | 04/2010 | 60,000 | 20.0 | 3,000 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |
| 05/2010 | 06/2010 | 470,000 | 17.0 | 27,647 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 05/2010 | 06/2010 | 30,000 | 17.0 | 1,765 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input checked="" type="checkbox"/> |

Memo: Remaining Klickitat River production planted at RM 18.

Future Brood Document 2008 Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: TYPE N
Stock: LEWIS R 27.0168
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 400,000 | |
| Receive | 400,000 | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|-------------------|---------|-----|--------------|------------|
| Received | 01/2008 | 01/2008 | SPEELYAI HATCHERY | 400,000 | | | EGGS EYED |
| Shipped | 02/2009 | 02/2009 | FISH FIRST RSI+NP | 400,000 | | | EGGS EYED |

Estimated Release Data

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

Memo: All eggs are otolith marked

Future Brood Document 2008 Final

WILLARD NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2007
Species: COHO
Run: NA
Stock: COLUMBIA R -MID
Brood Origin: MIXED
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 650,000 | 32,500 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 03/2009 | 03/2009 | LEAVENWORTH HATCHERY | 650,000 | 20.0 | 32,500 | JUVENILE |

Estimated Release Data

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

Memo: Fish transferred to various acclimation sites including Leavenworth NFH, Beaver Creek, and Rolfling's Pond prior to eventual release into the Wenatchee River

Future Brood Document 2008 Final

WILLARD NFH

U.S. FISH AND WILDLIFE SERVICE
SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2008
Species: COHO
Run: NA
Stock: COLUMBIA R -MID
Brood Origin: MIXED
Integrated/Segregated:

| | Total Number | Total Pounds |
|----------|--------------|--------------|
| Egg Take | | |
| Shipping | 650,000 | 32,500 |
| Receive | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Receive | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|--------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 03/2010 | 03/2010 | LEAVENWORTH HATCHERY | 650,000 | 20.0 | 32,500 | JUVENILE |

Estimated Release Data

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

Memo: Fish transferred to various acclimation sites including Leavenworth NFH, Beaver Creek, and Rolfling's Pond prior to eventual release into the Wenatchee River