

2017 Future Brood Document Final

BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

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

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

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BEAR SPRINGS 1 (20)

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Received | 07/2018 | 07/2018 | LONESOME CR HATCHERY | 55,000 | 50.0 | 1,100 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 50,000 | 8.0 | 6,250 | JUVENILE | SOL DUC R 20.0096 | | <input checked="" type="checkbox"/> |

Memo: Cooperative with WDFW.

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BERNIE GOBIN HATCH

TULALIP TRIBE

NORTH PUGET SOUND

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: SKAGIT R 03.0176
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 40,000 | 5.0 | 8,000 | JUVENILE | TULALIP BAY | AD | <input checked="" type="checkbox"/> |

Memo: SP CK PROGRAM SUSPENDED BEGINNING WITH 2000 BROOD. MAY BE REINSTATED IN FUTURE.

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BERNIE GOBIN HATCH

TULALIP TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SKYKOMISH R 07.0012
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 0 |
| Planted | 200,000 | 3,077 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------|---------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | | 200,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 200,000 | 65.0 | 3,077 | JUVENILE | TULALIP BAY | | <input type="checkbox"/> |

Memo: FA CK PROGRAM SUSPENDED BEGINNING WITH 2004 BROOD. MAY BE REINSTATED IN FUTURE.

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BERNIE GOBIN HATCH

TULALIP TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: SKAGIT R 03.0176
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|--------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 40,000 | 5.0 | 8,000 | JUVENILE | TULALIP BAY | AD | <input checked="" type="checkbox"/> |

Memo: SP CK PROGRAM SUSPENDED BEGINNING WITH 2000 BROOD. MAY BE REINSTATED IN FUTURE.

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BERNIE GOBIN HATCH

TULALIP TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SKYKOMISH R 07.0012
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,800,000 | 0 |
| Planted | 2,400,000 | 30,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|-----------|-----|--------------|------------|
| Received | 09/2017 | 09/2017 | WALLACE R HATCHERY | 2,800,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | TULALIP BAY | OT | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 2,200,000 | 80.0 | 27,500 | JUVENILE | TULALIP BAY | AD+OT | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | TULALIP BAY | AD+OT | <input checked="" type="checkbox"/> |

Memo:

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BINGHAM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Received | 11/2017 | 11/2017 | SATSOP SPRINGS PONDS | 600,000 | | 0 | EGGS GREEN |
| Shipped | 04/2018 | 04/2018 | SATSOP SPRINGS PONDS | 300,000 | 100.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

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

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BONNEVILLE HATCHERY

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,480,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|-----|--------------|------------|
| Received | 10/2017 | 12/2017 | LTL WHITE SALMON NFH | 2,480,000 | | 0 | EGGS GREEN |

Estimated Release Data

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

Memo: Received from Little White Salmon NFH

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BRENNER HATCHERY

STILLAGUAMISH TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: STILLAGUAMISH R -SF
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | | |
| Received | 50,000 | 0 |
| Planted | 200,000 | 2,222 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 09/2017 | 09/2017 | HARVEY CR HATCHERY | 50,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 200,000 | 90.0 | 2,222 | JUVENILE | STILLAGUAM.-SF TRIBS | | <input type="checkbox"/> |

Memo:

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CARLTON ACCLIMATION POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: METHOW & OKANOGAN
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 215,000 | 11,944 |
| Planted | 200,000 | 13,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 11/2017 | 11/2017 | EASTBANK HATCHERY | 215,000 | 18.0 | 11,944 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 05/2018 | 200,000 | 15.0 | 13,333 | JUVENILE | METHOW R 48.0007 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Volitional release. Satellite facility of Methow Hatchery.

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CARLTON ACCLIMATION POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: METHOW & OKANOGAN
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 215,000 | 11,944 |
| Planted | 200,000 | 13,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 11/2018 | 11/2018 | EASTBANK HATCHERY | 215,000 | 18.0 | 11,944 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 05/2019 | 200,000 | 15.0 | 13,333 | JUVENILE | METHOW R 48.0007 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Volitional release. Satellite facility of Methow Hatchery.

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CARSON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: WIND R 29.0023
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 1,420,000 | 83,530 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|----------------------|-----------|-------------------------------------|
| 03/2018 | 03/2018 | 50,000 | 17.0 | 2,941 | JUVENILE | WALLA WALLA R32.0008 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 03/2018 | 200,000 | 17.0 | 11,765 | JUVENILE | WALLA WALLA R32.0008 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 1,095,000 | 17.0 | 64,412 | JUVENILE | WIND R 29.0023 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 75,000 | 17.0 | 4,412 | JUVENILE | WIND R 29.0023 | AD | <input checked="" 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: 2017
Species: Chinook
Run: Spring
Stock: WIND R 29.0023
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,052,000 | |
| Shipping | 300 | 0 |
| Received | | |
| Planted | 1,420,000 | 83,530 |

Estimated Brood Data

Egg Take Goal 2,052,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Shipped | 10/2017 | 10/2017 | CARSON ES (STEVENSON) | 300 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 03/2019 | 03/2019 | 50,000 | 17.0 | 2,941 | JUVENILE | WALLA WALLA R32.0008 | AD | <input checked="" type="checkbox"/> |
| 03/2019 | 03/2019 | 200,000 | 17.0 | 11,765 | JUVENILE | WALLA WALLA R32.0008 | AD | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 1,095,000 | 17.0 | 64,412 | JUVENILE | WIND R 29.0023 | AD | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 75,000 | 17.0 | 4,412 | JUVENILE | WIND R 29.0023 | AD | <input checked="" 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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CATHLAMET CHANNEL NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 260,000 | 17,333 |
| Planted | 250,000 | 25,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 11/2017 | 11/2017 | SPEELYAI HATCHERY | 260,000 | 15.0 | 17,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 05/2018 | 250,000 | 10.0 | 25,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |

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

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CATHLAMET CHANNEL NP

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 260,000 | 17,333 |
| Planted | 250,000 | 25,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2018 | 11/2018 | GRAYS RIVER HATCHERY | 260,000 | 15.0 | 17,333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 250,000 | 10.0 | 25,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |

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

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CHAMBERS CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GARRISON HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 400,000 | 2,667 |
| Planted | 400,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|-------|--------------|------------|
| Received | 02/2018 | 03/2018 | GARRISON HATCHERY | 400,000 | 150.0 | 2,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 400,000 | 50.0 | 8,000 | JUVENILE | CHAMBERS CR 12.0007 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

CHELAN FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: CHELAN FALLS EASTBANK OF
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 600,000 | 24,000 |
| Planted | 576,000 | 50,087 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 11/2017 | 11/2017 | EASTBANK HATCHERY | 600,000 | 25.0 | 24,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 576,000 | 11.5 | 50,087 | JUVENILE | CHELAN R 47.0052 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Released 10-13 fpp.

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CHELAN FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: CHELAN FALLS EASTBANK OF
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 600,000 | 24,000 |
| Planted | 576,000 | 50,087 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 11/2018 | 11/2018 | EASTBANK HATCHERY | 600,000 | 25.0 | 24,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 576,000 | 11.5 | 50,087 | JUVENILE | CHELAN R 47.0052 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Released 10-13 fpp.

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CHEWUCH ACCLIMATION

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 60,500 | 3,361 |
| Planted | 60,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2018 | 03/2018 | METHOW HATCHERY | 60,500 | 18.0 | 3,361 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 60,000 | 15.0 | 4,000 | JUVENILE | CHEWUCH R 48.0728 | | <input checked="" type="checkbox"/> |

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

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CHEWUCH ACCLIMATION

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 60,500 | 3,361 |
| Planted | 60,000 | 4,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2019 | 03/2019 | METHOW HATCHERY | 60,500 | 18.0 | 3,361 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 60,000 | 15.0 | 4,000 | JUVENILE | CHEWUCH R 48.0728 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

CHIWAWA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: CHIWAWA R 45.0759
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 150,000 | 6,250 |
| Planted | 144,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 09/2017 | 09/2017 | EASTBANK HATCHERY | 150,000 | 24.0 | 6,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 144,000 | 18.0 | 8,000 | JUVENILE | CHIWAWA R 45.0759 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

CHIWAWA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: CHIWAWA R 45.0759
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 150,000 | 6,250 |
| Planted | 144,000 | 8,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 09/2018 | 09/2018 | EASTBANK HATCHERY | 150,000 | 24.0 | 6,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 144,000 | 18.0 | 8,000 | JUVENILE | CHIWAWA R 45.0759 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

CLARKS CRK HATCHERY

PUYALLUP TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PUYALLUP R 10.0021
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 900,000 | 0 |
| Planted | 400,000 | 7,334 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-----|--------------|------------|
| Received | 09/2017 | 10/2017 | VOIGHTS CR HATCHERY | 900,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 100,000 | 60.0 | 1,667 | JUVENILE | MOWICH R 10.0624 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 100,000 | 60.0 | 1,667 | JUVENILE | PUYALLUP R 10.0021 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 180,000 | 50.0 | 3,600 | JUVENILE | CLARKS CR 10.0027 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 20,000 | 50.0 | 400 | JUVENILE | HYLEBOS CR 10.0006 | AD | <input type="checkbox"/> |

Memo: Transfer from Voights Creek Hatchery is up to 900,000.

2017 Future Brood Document Final

CLEAR CREEK HATCHERY

NISQUALLY TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: CLEAR CR 11.0013C
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,000,000 | |
| Shipping | | |
| Received | | |
| Planted | 3,500,000 | 63,636 |

Estimated Brood Data

Egg Take Goal 4,000,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 200,000 | 55.0 | 3,636 | JUVENILE | CLEAR CR 11.0013C | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 200,000 | 55.0 | 3,636 | JUVENILE | CLEAR CR 11.0013C | | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 3,100,000 | 55.0 | 56,364 | JUVENILE | CLEAR CR 11.0013C | AD | <input type="checkbox"/> |

Memo: Up to 1 million total planted into the head water of McAllister Creek from Kalama Creek and/or Clear Creek Hatchery.

2017 Future Brood Document Final

COULTER CR REARING POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TUMWATER FALLS HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 3,800,000 | 31,667 |
| Received | 4,000,000 | 4,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|-----------|---------|--------------|------------|
| Received | 01/2018 | 01/2018 | MINTER CR HATCHERY | 4,000,000 | 1,000.0 | 4,000 | JUVENILE |
| Shipped | 03/2018 | 05/2018 | TUMWATER FALLS HATCHERY | 3,800,000 | 120.0 | 31,667 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

COWLITZ SALMON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 130,000 | 4,970 |
| Received | | |
| Planted | 1,738,529 | 218,956 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-------|--------------|------------|
| Shipped | 03/2017 | 03/2017 | GRAYS RIVER HATCHERY | 75,000 | 194.0 | 387 | JUVENILE |
| Shipped | 11/2017 | 11/2017 | FRIENDS OF COWLITZ | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 11/2017 | 11/2017 | 100,000 | 16.0 | 6,250 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |
| 11/2017 | 11/2017 | 400,000 | 16.0 | 25,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2018 | 03/2018 | 100,000 | 8.0 | 12,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 03/2018 | 338,529 | 5.0 | 67,706 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2018 | 04/2018 | 700,000 | 8.0 | 87,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2018 | 04/2018 | 100,000 | 5.0 | 20,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Release in April provided fish rearing parameters are met for all spec. Grays R. included in Egg Take Goal.

2017 Future Brood Document Final

COWLITZ SALMON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,736,495 | |
| Shipping | 2,000,000 | 10,000 |
| Received | 2,000,000 | 25,000 |
| Planted | 2,400,000 | 30,000 |

Estimated Brood Data

Egg Take Goal 2,736,495

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|-------|--------------|------------|
| Shipped | 04/2018 | 05/2018 | MAYFIELD LK NET PENS | 2,000,000 | 200.0 | 10,000 | JUVENILE |
| Received | 06/2018 | 06/2018 | MAYFIELD LK NET PENS | 2,000,000 | 80.0 | 25,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 2,300,000 | 80.0 | 28,750 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

COWLITZ SALMON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: COWLITZ R 26.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,254,227 | |
| Shipping | | |
| Received | | |
| Planted | 1,100,000 | 13,750 |

Estimated Brood Data

Egg Take Goal 1,254,227

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 1,100,000 | 80.0 | 13,750 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

COWLITZ SALMON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,814,841 | |
| Shipping | 415,000 | 4,583 |
| Received | | |
| Planted | 1,741,899 | 219,630 |

Estimated Brood Data

Egg Take Goal 2,814,841

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 09/2017 | 09/2017 | GRAYS RIVER HATCHERY | 360,000 | | 0 | EGGS GREEN |
| Shipped | 11/2018 | 11/2018 | FRIENDS OF COWLITZ | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 11/2018 | 11/2018 | 100,000 | 16.0 | 6,250 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |
| 11/2018 | 11/2018 | 400,000 | 16.0 | 25,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2019 | 04/2019 | 700,000 | 8.0 | 87,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2019 | 04/2019 | 341,899 | 5.0 | 68,380 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |
| 03/2019 | 04/2019 | 100,000 | 5.0 | 20,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |
| 03/2019 | 04/2019 | 100,000 | 8.0 | 12,500 | JUVENILE | COWLITZ R 26.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Release in April provided fish rearing parameters are met for all spec. Grays R. included in Egg Take Goal.

2017 Future Brood Document Final

CURL LK ACCLIMA. PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 227,500 | 16,250 |
| Planted | 227,500 | 17,708 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 01/2018 | 01/2018 | LYONS FERRY HATCHERY | 227,500 | 14.0 | 16,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 212,500 | 12.0 | 17,708 | JUVENILE | TUCANNON R 35.0009 | | <input checked="" type="checkbox"/> |
| 04/2018 | 04/2018 | 15,000 | | 0 | JUVENILE | TUCANNON R 35.0009 | PT | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

CURL LK ACCLIMA. PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 227,500 | 16,250 |
| Planted | 227,500 | 18,958 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 02/2019 | 02/2019 | TUCANNON HATCHERY | 227,500 | 14.0 | 16,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 212,500 | 12.0 | 17,708 | JUVENILE | TUCANNON R 35.0009 | | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 15,000 | 12.0 | 1,250 | JUVENILE | TUCANNON R 35.0009 | PT | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

DRYDEN POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: WENATCHEE R 45.0030
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 520,000 | 28,889 |
| Planted | 500,001 | 41,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 03/2018 | 03/2018 | EASTBANK HATCHERY | 520,000 | 18.0 | 28,889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 500,001 | 12.0 | 41,667 | JUVENILE | WENATCHEE R 45.0030 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Release 12-15 fpp.

2017 Future Brood Document Final

DRYDEN POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WENATCHEE R 45.0030
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 520,000 | 28,889 |
| Planted | 500,001 | 41,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 03/2019 | 03/2019 | EASTBANK HATCHERY | 520,000 | 18.0 | 28,889 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 500,001 | 12.0 | 41,667 | JUVENILE | WENATCHEE R 45.0030 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Release 12-15 fpp.

2017 Future Brood Document Final

DUNGENESS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 1,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2017 | 06/2017 | 50,000 | 50.0 | 1,000 | JUVENILE | DUNGENESS R 18.0018 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. ESA listed species. Release during heavy smoltification.

2017 Future Brood Document Final

DUNGENESS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 52,000 | 347 |
| Planted | 50,000 | 1,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-------|--------------|------------|
| Received | 04/2018 | 04/2018 | HURD CR HATCHERY | 52,000 | 150.0 | 347 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 50,000 | 50.0 | 1,000 | JUVENILE | DUNGENESS R 18.0018 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. ESA listed species. Release during heavy smoltification.

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: CHIWAWA R 45.0759
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 150,000 | 6,250 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|---------|------|--------------|------------|
| Shipped | 09/2017 | 09/2017 | CHIWAWA HATCHERY | 150,000 | 24.0 | 6,250 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: NASON CR 45.0888
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 236,000 | 7,867 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|------|--------------|------------|
| Shipped | 10/2017 | 10/2017 | NASON CREEK ACC FACILITY | 236,000 | 30.0 | 7,867 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: CHELAN FALLS EASTBANK OF
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 600,000 | 24,000 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Shipped | 11/2017 | 11/2017 | CHELAN FALLS HATCHERY | 600,000 | 25.0 | 24,000 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish reared until fall and transferred to Chelan Falls.

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: METHOW & OKANOGAN
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 215,000 | 11,944 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|------|--------------|------------|
| Shipped | 11/2017 | 11/2017 | CARLTON ACCLIMATION POND | 215,000 | 18.0 | 11,944 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Adults transferred from Wells Hatchery.

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: WENATCHEE R 45.0030
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 520,000 | 28,889 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------|---------|------|--------------|------------|
| Shipped | 03/2018 | 03/2018 | DRYDEN POND | 520,000 | 18.0 | 28,889 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: CHIWAWA R 45.0759
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 170,000 | |
| Shipping | 150,000 | 6,250 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 170,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|---------|------|--------------|------------|
| Shipped | 09/2018 | 09/2018 | CHIWAWA HATCHERY | 150,000 | 24.0 | 6,250 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: NASON CR 45.0888
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 263,141 | |
| Shipping | 236,000 | 7,867 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 263,141

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|------|--------------|------------|
| Shipped | 10/2018 | 10/2018 | NASON CREEK ACC FACILITY | 236,000 | 30.0 | 7,867 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: CHELAN FALLS EASTBANK OF
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 688,000 | |
| Shipping | 602,250 | 24,000 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 688,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|------|--------------|------------|
| Shipped | 12/2017 | 12/2017 | RFEG 14 CASCADE COLUMBIA | 2,250 | | 0 | EGGS EYED |
| Shipped | 11/2018 | 11/2018 | CHELAN FALLS HATCHERY | 600,000 | 25.0 | 24,000 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish reared until fall and transferred to Chelan Falls.

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: METHOW & OKANOGAN
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 225,000 | |
| Shipping | 215,000 | 11,944 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 225,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|------|--------------|------------|
| Shipped | 11/2018 | 11/2018 | CARLTON ACCLIMATION POND | 215,000 | 18.0 | 11,944 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Adults transferred from Wells Hatchery.

2017 Future Brood Document Final

EASTBANK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WENATCHEE R 45.0030
Brood Origin: WILD
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 550,000 | |
| Shipping | 520,000 | 28,889 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 550,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------|---------|------|--------------|------------|
| Shipped | 03/2019 | 03/2019 | DRYDEN POND | 520,000 | 18.0 | 28,889 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

EDUCKET CR HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TSOO-YESS R 20.0015
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100,000 | 400 |
| Planted | 100,000 | 1,818 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|---------|-------|--------------|------------|
| Received | 05/2018 | 05/2018 | MAKAH NFH ON TSOO-YESS R | 100,000 | 250.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2019 | 06/2019 | 100,000 | 55.0 | 1,818 | JUVENILE | EDUCKET CR 20.0010 | AD | <input type="checkbox"/> |

Memo:

2017 Future Brood Document Final

ELWHA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

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

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 205,000 | 10,250 |
| Planted | 200,000 | 25,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|---------|------|--------------|------------|
| Received | 09/2017 | 10/2017 | HURD CR HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2018 | 04/2018 | 200,000 | 8.0 | 25,000 | JUVENILE | ELWHA R 18.0272 | OT | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

ELWHA HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 3,300,000 | |
| Shipping | 3,300,000 | 0 |
| Received | 2,760,000 | 17,700 |
| Planted | 2,700,000 | 56,250 |

Estimated Brood Data

Egg Take Goal 3,300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|-----------|-------|--------------|------------|
| Shipped | 09/2017 | 10/2017 | HURD CR HATCHERY | 3,300,000 | | 0 | EGGS GREEN |
| Received | 02/2018 | 02/2018 | SOLDUC HATCHERY | 2,300,000 | 400.0 | 5,750 | JUVENILE |
| Received | 04/2018 | 04/2018 | HURD CR HATCHERY | 255,000 | 150.0 | 1,700 | JUVENILE |
| Received | 09/2018 | 10/2018 | HURD CR HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 250,000 | 80.0 | 3,125 | JUVENILE | ELWHA R 18.0272 | AD+OT | <input checked="" type="checkbox"/> |
| 05/2018 | 06/2018 | 2,250,000 | 80.0 | 28,125 | JUVENILE | ELWHA R 18.0272 | OT | <input type="checkbox"/> |
| 03/2019 | 04/2019 | 200,000 | 8.0 | 25,000 | JUVENILE | ELWHA R 18.0272 | OT | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

ENTIAT NFH

U.S. FISH AND WILDLIFE SERVICE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 200,000 | 18.0 | 11,111 | JUVENILE | ENTIAT R 46.0042 | AD | <input checked="" type="checkbox"/> |

Memo: Wells will be backup for adult collection.

2017 Future Brood Document Final

ENTIAT NFH

U.S. FISH AND WILDLIFE SERVICE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 400,000 | 22,222 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 200,000 | 18.0 | 11,111 | JUVENILE | ENTIAT R 46.0042 | AD | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 200,000 | 18.0 | 11,111 | JUVENILE | ENTIAT R 46.0042 | AD | <input checked="" type="checkbox"/> |

Memo: Wells will be backup for adult collection.

2017 Future Brood Document Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 400,000 | 30,769 |
| Planted | 500,000 | 50,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Received | 12/2017 | 12/2017 | KALAMA FALLS HATCHERY | 400,000 | 13.0 | 30,769 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 03/2018 | 03/2018 | 125,000 | 10.0 | 12,500 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 03/2018 | 375,000 | 10.0 | 37,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May adjust release numbers between Fallert Creek and Kalama Falls, but the Kalama River goal will remain 500,000.

2017 Future Brood Document Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,700,000 | 0 |
| Planted | 3,500,000 | 43,750 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|-----------|-----|--------------|------------|
| Received | 12/2017 | 12/2017 | KALAMA FALLS HATCHERY | 3,700,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 07/2018 | 3,400,000 | 80.0 | 42,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 05/2018 | 07/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 7,000,000.

2017 Future Brood Document Final

FALLERT CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 550,000 | 32,269 |
| Planted | 500,000 | 50,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|----------------|-------|---------------|------------|
| Received | 06/2018 | 07/2018 | KALAMA FALLS HATCHERY | 150,000 | 100.0 | 1,500 | JUVENILE |
| Received | 12/2018 | 12/2018 | KALAMA FALLS HATCHERY | 400,000 | 13.0 | 30,769 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 03/2019 | 03/2019 | 375,000 | 10.0 | 37,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 03/2019 | 03/2019 | 125,000 | 10.0 | 12,500 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May adjust release numbers between Fallert Creek and Kalama Falls, but the Kalama River goal will remain 500,000.

2017 Future Brood Document Final

FORKS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: WILLAPA R 24.0251
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 385,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 250,000 | 80.0 | 3,125 | JUVENILE | FORK CR 24.0356 | AD | <input type="checkbox"/> |
| 05/2018 | 06/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | FORK CR 24.0356 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

FRANKLIN CONSERV DIST

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PRIEST RAPIDS (36)
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,900 | 0 |
| Planted | 2,800 | 28 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | PRIEST RAPIDS HATCHERY | 2,900 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 2,800 | 100.0 | 28 | JUVENILE | COLUMBIA R - GENERAL | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 55,000 | 4,583 |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|--------|------|--------------|------------|
| Received | 11/2017 | 11/2017 | COWLITZ SALMON HATCHERY | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 03/2018 | 04/2018 | 55,000 | 5.0 | 11,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

FRIENDS OF COWLITZ

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 55,000 | 4,583 |
| Planted | 55,000 | 11,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|--------|------|--------------|------------|
| Received | 11/2018 | 11/2018 | COWLITZ SALMON HATCHERY | 55,000 | 12.0 | 4,583 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-------------------|-----------|--------------------------|
| 03/2019 | 04/2019 | 55,000 | 5.0 | 11,000 | JUVENILE | COWLITZ R 26.0002 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

FRIENDS OF ISH

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: ISSAQUAH CR 08.0178
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,500 | 0 |
| Planted | 1,425 | 14 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 11/2017 | 11/2017 | ISSAQUAH HATCHERY | 1,500 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 225 | 100.0 | 2 | JUVENILE | KELSEY CR-NB 08.0266 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 975 | 100.0 | 10 | JUVENILE | LK WASHINGTON (KING) | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 225 | 100.0 | 2 | JUVENILE | MAY CR 08.0282 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Releases Grouped by site.

2017 Future Brood Document Final

GARRISON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GARRISON HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,000,000 | |
| Shipping | 1,400,500 | 2,668 |
| Received | 900,000 | 900 |
| Planted | 450,000 | 9,000 |

Estimated Brood Data

Egg Take Goal 1,000,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|---------|--------------|------------|
| Shipped | 09/2017 | 10/2017 | LAKWOOD HATCHERY | 1,000,000 | | 0 | EGGS GREEN |
| Shipped | 10/2017 | 11/2017 | SEATTLE AQUARIUM | 500 | 500.0 | 1 | EGGS EYED |
| Received | 11/2017 | 01/2018 | LAKWOOD HATCHERY | 900,000 | 1,000.0 | 900 | JUVENILE |
| Shipped | 02/2018 | 03/2018 | CHAMBERS CR HATCHERY | 400,000 | 150.0 | 2,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 200,000 | 50.0 | 4,000 | JUVENILE | CHAMBERS CR 12.0007 | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 250,000 | 50.0 | 5,000 | JUVENILE | CHAMBERS CR 12.0007 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

GEORGE ADAMS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SKOKOMISH R 16.0001
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,450,000 | |
| Shipping | | |
| Received | | |
| Planted | 3,800,000 | 54,285 |

Estimated Brood Data

Egg Take Goal 4,450,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 3,350,000 | 70.0 | 47,857 | JUVENILE | PURDY CR 16.0005 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 225,000 | 70.0 | 3,214 | JUVENILE | PURDY CR 16.0005 | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 225,000 | 70.0 | 3,214 | JUVENILE | PURDY CR 16.0005 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Backfill for Hoodspport Hatchery. If egg survival is better than expected, resulting surplus fry can be planted into landlocked lakes identified by co-managers.

2017 Future Brood Document Final

GLENWOOD SPRINGS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GLENWOOD SPRINGS
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 790,000 | |
| Shipping | 250 | 0 |
| Received | | |
| Planted | 725,000 | 9,063 |

Estimated Brood Data

Egg Take Goal 790,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-----|--------------|------------|
| Shipped | 01/2018 | 01/2018 | ORCAS IS SD 137(EAST | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 625,000 | 80.0 | 7,813 | JUVENILE | EAST SOUND BAY (SAN) | AD | <input type="checkbox"/> |
| 05/2018 | 06/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | EAST SOUND BAY (SAN) | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. No yearling program. Backfill in low years.

2017 Future Brood Document Final

GOAT WALL ACCL SITE

YAKAMA TRIBE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 25,000 | 1,389 |
| Planted | 25,000 | 1,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2018 | 03/2018 | METHOW HATCHERY | 25,000 | 18.0 | 1,389 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 25,000 | 15.0 | 1,667 | JUVENILE | METHOW R 48.0002 | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

GOAT WALL ACCL SITE

YAKAMA TRIBE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 25,000 | 1,389 |
| Planted | 25,000 | 1,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2019 | 03/2019 | METHOW HATCHERY | 25,000 | 18.0 | 1,389 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 25,000 | 15.0 | 1,667 | JUVENILE | METHOW R 48.0002 | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

GORST CR REARING PND

SUQUAMISH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GROVERS CR 15.0299
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 800,000 | 667 |
| Planted | 800,000 | 12,307 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|---------|--------------|------------|
| Received | 01/2018 | 01/2018 | GROVERS CR HATCHERY | 800,000 | 1,200.0 | 667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 100,000 | 65.0 | 1,538 | JUVENILE | DOGFISH CR 15.0285 | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 700,000 | 65.0 | 10,769 | JUVENILE | GORST CR 15.0216 | AD | <input type="checkbox"/> |

Memo:

2017 Future Brood Document Final

GORST CR REARING PND

SUQUAMISH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: MINTER CR HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 740,000 | 617 |
| Planted | 730,000 | 11,230 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|---------|--------------|------------|
| Received | 01/2018 | 01/2018 | GROVERS CR HATCHERY | 740,000 | 1,200.0 | 617 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 630,000 | 65.0 | 9,692 | JUVENILE | GORST CR 15.0216 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 100,000 | 65.0 | 1,538 | JUVENILE | GORST CR 15.0216 | AD | <input checked="" type="checkbox"/> |

Memo: Funded under the Recreational Fisheries Enhancement Bill.

2017 Future Brood Document Final

GRAY WOLF R ACCL PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 333 |
| Planted | 50,000 | 1,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-------|--------------|------------|
| Received | 04/2018 | 04/2018 | HURD CR HATCHERY | 50,000 | 150.0 | 333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 50,000 | 50.0 | 1,000 | JUVENILE | GRAY WOLF R 18.0048 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 260,000 | 17,333 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 11/2017 | 11/2017 | CATHLAMET CHANNEL NP | 260,000 | 15.0 | 17,333 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Lewis Stock possible backfill for CCNP.

2017 Future Brood Document Final

GRAYS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 260,000 | 17,333 |
| Received | 360,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|---------|------|--------------|------------|
| Received | 09/2017 | 09/2017 | COWLITZ SALMON HATCHERY | 360,000 | | 0 | EGGS GREEN |
| Shipped | 11/2018 | 11/2018 | CATHLAMET CHANNEL NP | 260,000 | 15.0 | 17,333 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Lewis Stock possible backfill for CCNP.

2017 Future Brood Document Final

GROVERS CR HATCHERY

SUQUAMISH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GROVERS CR 15.0299
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,600,000 | |
| Shipping | 800,000 | 667 |
| Received | | |
| Planted | 450,000 | 6,923 |

Estimated Brood Data

Egg Take Goal 1,600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|---------|--------------|------------|
| Shipped | 01/2018 | 01/2018 | GORST CR REARING PND | 800,000 | 1,200.0 | 667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 450,000 | 65.0 | 6,923 | JUVENILE | GROVERS CR 15.0299 | AD | <input type="checkbox"/> |

Memo:

2017 Future Brood Document Final

GROVERS CR HATCHERY

SUQUAMISH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: MINTER CR HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 750,000 | 625 |
| Received | 750,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|---------|--------------|------------|
| Received | 11/2017 | 11/2017 | MINTER CR HATCHERY | 750,000 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | GORST CR REARING PND | 750,000 | 1,200.0 | 625 | JUVENILE |

Estimated Release Data

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

Memo:

2017 Future Brood Document Final

HARVEY CR HATCHERY

STILLAGUAMISH TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: STILLAGUAMISH R -SF
Brood Origin: WILD
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal 50,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-----|--------------|------------|
| Shipped | 09/2017 | 09/2017 | BRENNER HATCHERY | 50,000 | | 0 | EGGS GREEN |

Estimated Release Data

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

Memo:

2017 Future Brood Document Final

HARVEY CR HATCHERY

STILLAGUAMISH TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: STILLAGUAMISH R
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 300,000 | |
| Shipping | 225,000 | 643 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|---------|-------|--------------|------------|
| Shipped | 02/2018 | 02/2018 | WHITEHORSE POND | 225,000 | 350.0 | 643 | JUVENILE |

Estimated Release Data

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

Memo: Eggs and fish must stay on regulated pathogen free water prior to transfer to Whitehorse.

2017 Future Brood Document Final

HOKO FALLS HATCHERY

MAKAH TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: HOKO R 19.0148
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 500,000 | |
| Shipping | | |
| Received | | |
| Planted | 420,000 | 5,601 |

Estimated Brood Data

Egg Take Goal 500,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 170,000 | 75.0 | 2,267 | JUVENILE | HOKO R 19.0148 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 75.0 | 2,667 | JUVENILE | HOKO R 19.0148 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 50,000 | 75.0 | 667 | JUVENILE | LITTLE HOKO R19.0149 | AD | <input type="checkbox"/> |

Memo:

2017 Future Brood Document Final

HOOD CANAL SCHOOLS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SKOKOMISH R 16.0001
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | GEORGE ADAMS HATCHERY | 500 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|---------------------|-----------|--------------------------|
| 03/2018 | 03/2018 | 500 | 1,000.0 | 1 | JUVENILE | AL ADAMS CR 14.0133 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

HOODSPORT HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

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

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 120,000 | 18,462 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|------------------|-----------|--------------------------|
| 04/2018 | 05/2018 | 120,000 | 6.5 | 18,462 | JUVENILE | FINCH CR 16.0222 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Yearling station release at 5-8fpp. PSRFE funded.

2017 Future Brood Document Final

HOODSPORT HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: HOODSPORT HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 3,100,000 | |
| Shipping | | |
| Received | | |
| Planted | 2,920,000 | 53,462 |

Estimated Brood Data

Egg Take Goal 3,100,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 2,600,000 | 80.0 | 32,500 | JUVENILE | FINCH CR 16.0222 | AD | <input type="checkbox"/> |
| 05/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | FINCH CR 16.0222 | AD | <input checked="" type="checkbox"/> |
| 04/2019 | 05/2019 | 120,000 | 6.5 | 18,462 | JUVENILE | FINCH CR 16.0222 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Yearling station release at 5-8fpp. PSRFE funded.

2017 Future Brood Document Final

HUMPTULIPS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: HUMPTULIPS R 22.0004
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 590,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|--------------------------|
| 06/2018 | 06/2018 | 500,000 | 70.0 | 7,143 | JUVENILE | STEVENS CR 22.0064 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

HUPP SPRINGS REARING

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 425,000 | 425 |
| Planted | 400,000 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|---------|---------|--------------|------------|
| Received | 01/2018 | 01/2018 | MINTER CR HATCHERY | 425,000 | 1,000.0 | 425 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 400,000 | 80.0 | 5,000 | JUVENILE | MINTER CR 15.0048 | UNK | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Marking to be determined by co-managers.

2017 Future Brood Document Final

HURD CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

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

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|---------|------|--------------|------------|
| Shipped | 09/2017 | 10/2017 | ELWHA HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

HURD CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 50,000 | 5,556 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2018 | 04/2018 | 50,000 | 9.0 | 5,556 | JUVENILE | HURD CR 18.0028 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. ESA listed species. Release during heavy smoltication, approximately March - April

2017 Future Brood Document Final

HURD CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 2,910,000 | 11,950 |
| Received | 3,300,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|-----------|-------|--------------|------------|
| Received | 09/2017 | 10/2017 | ELWHA HATCHERY | 3,300,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 11/2017 | SOLDUC HATCHERY | 2,450,000 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 04/2018 | ELWHA HATCHERY | 255,000 | 150.0 | 1,700 | JUVENILE |
| Shipped | 09/2018 | 10/2018 | ELWHA HATCHERY | 205,000 | 20.0 | 10,250 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

HURD CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 250,000 | |
| Shipping | 152,000 | 1,013 |
| Received | | |
| Planted | 50,000 | 5,556 |

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|-------|--------------|------------|
| Shipped | 04/2018 | 04/2018 | DUNGENESS HATCHERY | 52,000 | 150.0 | 347 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | GRAY WOLF R ACCL PD | 50,000 | 150.0 | 333 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | UPR DUNGENESS ACC PD | 50,000 | 150.0 | 333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 03/2019 | 04/2019 | 50,000 | 9.0 | 5,556 | JUVENILE | HURD CR 18.0028 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. ESA listed species. Release during heavy smoltication, approximately March - April

2017 Future Brood Document Final

ICY CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: BIG SOOS CR 09.0072
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 300,000 | 30,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 300,000 | 10.0 | 30,000 | JUVENILE | ICY CR 09.0125 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

ICY CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: BIG SOOS CR 09.0072
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 320,000 | 3,200 |
| Planted | 300,000 | 30,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Received | 04/2018 | 04/2018 | SOOS CREEK HATCHERY | 320,000 | 100.0 | 3,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 300,000 | 10.0 | 30,000 | JUVENILE | ICY CR 09.0125 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

ISSAQUAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: ISSAQUAH CR 08.0178
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,300,000 | |
| Shipping | 1,500 | 0 |
| Received | | |
| Planted | 2,000,000 | 25,000 |

Estimated Brood Data

Egg Take Goal 2,300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Shipped | 11/2017 | 11/2017 | FRIENDS OF ISH | 1,500 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 05/2018 | 06/2018 | 2,000,000 | 80.0 | 25,000 | JUVENILE | ISSAQUAH CR 08.0178 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Eggtake and plant contingent on agreement with Co-Managers. 1M production dependent on External Funding. Up to 3 million release based on facility constraints.

2017 Future Brood Document Final

KALAMA CR HATCHERY

NISQUALLY TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: KALAMA CR 11.0017
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 700,000 | |
| Shipping | 100 | 0 |
| Received | | |
| Planted | 600,000 | 10,909 |

Estimated Brood Data

Egg Take Goal 700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|--------|-----|--------------|------------|
| Shipped | 12/2017 | 12/2017 | NISQUALLY MS(OLYMPIA) | 100 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 100,000 | 55.0 | 1,818 | JUVENILE | MCALLISTER CR11.0324 | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 06/2018 | 500,000 | 55.0 | 9,091 | JUVENILE | MCALLISTER CR11.0324 | AD | <input type="checkbox"/> |

Memo: Up to 1 million total planted into the head water of McAllister Creek from Kalama Creek and/or Clear Creek Hatchery.

2017 Future Brood Document Final

KALAMA FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 400,000 | 30,769 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|------|--------------|------------|
| Shipped | 12/2017 | 12/2017 | FALLERT CR HATCHERY | 400,000 | 13.0 | 30,769 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

2017 Future Brood Document Final

KALAMA FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 7,700,000 | |
| Shipping | 3,700,000 | 0 |
| Received | | |
| Planted | 3,500,000 | 43,750 |

Estimated Brood Data

Egg Take Goal 7,700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|-----------|-----|--------------|------------|
| Shipped | 12/2017 | 12/2017 | FALLERT CR HATCHERY | 3,700,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 07/2018 | 3,400,000 | 80.0 | 42,500 | JUVENILE | KALAMA R 27.0002 | AD | <input type="checkbox"/> |
| 05/2018 | 07/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | KALAMA R 27.0002 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. On station release 50-80 fpp.

2017 Future Brood Document Final

KALAMA FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: KALAMA R HATCH 27.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 600,000 | |
| Shipping | 550,000 | 32,269 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 06/2018 | 07/2018 | FALLERT CR HATCHERY | 150,000 | 100.0 | 1,500 | JUVENILE |
| Shipped | 12/2018 | 12/2018 | FALLERT CR HATCHERY | 400,000 | 13.0 | 30,769 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. May adjust release numbers between Kalama Falls and Fallert Creek, but the Kalama River goal will remain at 500,000.

2017 Future Brood Document Final

KENDALL CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SAMISH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 7,000,000 | 0 |
| Received | 7,000,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|-----------|-----|--------------|------------|
| Received | 11/2017 | 11/2017 | SAMISH HATCHERY | 7,000,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 11/2017 | SAMISH HATCHERY | 7,000,000 | | 0 | EGGS EYED |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Held on isolated pathogen free water. Fish will be differentially otolith marked.

2017 Future Brood Document Final

KENDALL CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: NOOKSACK R 01.0120
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 950,000 | |
| Shipping | | |
| Received | | |
| Planted | 800,000 | 9,500 |

Estimated Brood Data

Egg Take Goal 950,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|-------|--------------|------------|------------------------|-----------|-------------------------------------|
| 04/2018 | 05/2018 | 200,000 | 100.0 | 2,000 | JUVENILE | KENDALL CR 01.0406 | AD+OT | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | NOOKSACK -MF 01.0339 | AD+OT | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 400,000 | 80.0 | 5,000 | JUVENILE | NOOKSACK R -NF 01.0120 | AD+OT | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Planted in Nooksack watershed at discretion Co-managers.

2017 Future Brood Document Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: KLICKITAT R 30.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 600,000 | 42,857 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 03/2018 | 05/2018 | 600,000 | 14.0 | 42,857 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 5,250,000 | 0 |
| Planted | 4,050,000 | 50,625 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|-----|--------------|------------|
| Received | 10/2017 | 12/2017 | LTL WHITE SALMON NFH | 5,250,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 04/2018 | 06/2018 | 450,000 | 80.0 | 5,625 | JUVENILE | KLICKITAT R 30.0002 | AD | <input checked="" type="checkbox"/> |
| 05/2018 | 06/2018 | 3,600,000 | 80.0 | 45,000 | 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.

2017 Future Brood Document Final

KLICKITAT HATCHERY (YKFP)

YAKAMA TRIBE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: KLICKITAT R 30.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 950,000 | |
| Shipping | | |
| Received | | |
| Planted | 600,000 | 42,857 |

Estimated Brood Data

Egg Take Goal 950,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|--------------------------|
| 03/2019 | 05/2019 | 600,000 | 14.0 | 42,857 | JUVENILE | KLICKITAT R 30.0002 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

LAKWOOD HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GARRISON HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 900,000 | 900 |
| Received | 1,000,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|-----------|---------|--------------|------------|
| Received | 09/2017 | 10/2017 | GARRISON HATCHERY | 1,000,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 01/2018 | GARRISON HATCHERY | 900,000 | 1,000.0 | 900 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

LEAVENWORTH HATCHERY

U.S. FISH AND WILDLIFE SERVICE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: ICICLE CR 45.0474
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 1,200,000 | 66,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 1,000,000 | 18.0 | 55,556 | JUVENILE | ICICLE CR 45.0474 | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 200,000 | 18.0 | 11,111 | JUVENILE | ICICLE CR 45.0474 | AD | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

LEAVENWORTH HATCHERY
 U.S. FISH AND WILDLIFE SERVICE
 NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: ICICLE CR 45.0474
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,400,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,200,000 | 66,667 |

Estimated Brood Data

Egg Take Goal 1,400,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 1,000,000 | 18.0 | 55,556 | JUVENILE | ICICLE CR 45.0474 | AD | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 200,000 | 18.0 | 11,111 | JUVENILE | ICICLE CR 45.0474 | AD | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: LEWIS RIVER HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 1,250,000 | 110,417 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 10/2017 | 11/2017 | 75,000 | 12.0 | 6,250 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 10/2017 | 11/2017 | 75,000 | 12.0 | 6,250 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |
| 10/2017 | 11/2017 | 950,000 | 12.0 | 79,167 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 02/2018 | 03/2018 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 02/2018 | 03/2018 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

LEWIS RIVER HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: LEWIS RIVER HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,325,000 | 14,722 |
| Planted | 1,250,000 | 110,417 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|-----------|------|--------------|------------|
| Received | 05/2018 | 06/2018 | SPEELYAI HATCHERY | 1,325,000 | 90.0 | 14,722 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 10/2018 | 11/2018 | 75,000 | 12.0 | 6,250 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |
| 10/2018 | 11/2018 | 950,000 | 12.0 | 79,167 | JUVENILE | LEWIS R 27.0168 | AD | <input type="checkbox"/> |
| 10/2018 | 11/2018 | 75,000 | 12.0 | 6,250 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |
| 02/2019 | 03/2019 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R 27.0168 | | <input checked="" type="checkbox"/> |
| 02/2019 | 03/2019 | 75,000 | 8.0 | 9,375 | JUVENILE | LEWIS R 27.0168 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

LK ABERDEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: WYNOOCHEE R 22.0260
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 75,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 06/2018 | 06/2018 | 50,000 | 90.0 | 556 | JUVENILE | VAN WINKLE C 22.0240 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

LONESOME CR HATCHERY

QUILEUTE TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Received | 11/2017 | 11/2017 | SOLDUC HATCHERY | 250,000 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 04/2018 | SOLDUC HATCHERY | 160,000 | 150.0 | 1,067 | JUVENILE |
| Shipped | 07/2018 | 07/2018 | BEAR SPRINGS 1 (20) | 55,000 | 50.0 | 1,100 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 1,000,000 | 66,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 925,000 | 15.0 | 61,667 | JUVENILE | LITTL WHITE SALMON R | AD | <input type="checkbox"/> |
| 04/2018 | 04/2018 | 75,000 | 15.0 | 5,000 | JUVENILE | LITTL WHITE SALMON R | AD | <input checked="" type="checkbox"/> |

Memo: On-station yearling release.

2017 Future Brood Document Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|------------|--------------|
| Egg Take | 16,687,845 | |
| Shipping | 11,680,700 | 4,857 |
| Received | | |
| Planted | 4,500,000 | 50,000 |

Estimated Brood Data

Egg Take Goal 16,687,845

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------------|-----------|-------|--------------|------------|
| Shipped | 10/2017 | 12/2017 | BONNEVILLE HATCHERY | 2,480,000 | | 0 | EGGS GREEN |
| Shipped | 10/2017 | 12/2017 | KLICKITAT HATCHERY (YKFP) | 5,250,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 11/2017 | CARSON DEPOT SPRINGS NFH | 2,250,000 | | 0 | EGGS GREEN |
| Shipped | 12/2017 | 12/2017 | REG 5 ED COOPS | 700 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 04/2018 | YAKIMA HATCHERY | 1,700,000 | 350.0 | 4,857 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 200,000 | 90.0 | 2,222 | JUVENILE | LITTL WHITE SALMON R | | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 4,100,000 | 90.0 | 45,556 | JUVENILE | LITTL WHITE SALMON R | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 90.0 | 2,222 | JUVENILE | LITTL WHITE SALMON R | AD | <input checked="" type="checkbox"/> |

Memo: Shipped to USGS/BRD/CRRL.

2017 Future Brood Document Final

LTL WHITE SALMON NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,240,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,000,000 | 66,667 |

Estimated Brood Data

Egg Take Goal 1,240,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 925,000 | 15.0 | 61,667 | JUVENILE | LITTL WHITE SALMON R | AD | <input type="checkbox"/> |
| 04/2019 | 04/2019 | 75,000 | 15.0 | 5,000 | JUVENILE | LITTL WHITE SALMON R | AD | <input checked="" type="checkbox"/> |

Memo: On-station yearling release.

2017 Future Brood Document Final

LUMMI SEA PONDS

LUMMI TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SAMISH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 500,000 | 1,000 |
| Planted | 500,000 | 5,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|---------|-------|--------------|------------|
| Received | 03/2018 | 03/2018 | SAMISH HATCHERY | 500,000 | 500.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 500,000 | 100.0 | 5,000 | JUVENILE | LUMMI HATCHERY -POND | AD | <input type="checkbox"/> |

Memo:

2017 Future Brood Document Final

LYONS FERRY HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Fall
Stock: SNAKE R-LOWR 33.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 457,500 | 37,147 |
| Received | | |
| Planted | 450,000 | 45,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Shipped | 02/2018 | 02/2018 | NEZ PERCE TRIBAL FAC | 152,500 | 13.0 | 11,731 | JUVENILE |
| Shipped | 03/2018 | 03/2018 | NEZ PERCE TRIBAL FAC | 152,500 | 12.0 | 12,708 | JUVENILE |
| Shipped | 03/2018 | 03/2018 | NEZ PERCE TRIBAL FAC | 152,500 | 12.0 | 12,708 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 225,000 | 10.0 | 22,500 | JUVENILE | LYONS FERRY REL.SITE | AD | <input checked="" type="checkbox"/> |
| 04/2018 | 04/2018 | 225,000 | 10.0 | 22,500 | JUVENILE | LYONS FERRY REL.SITE | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. PIT tagged release rates will be determined annually.

2017 Future Brood Document Final

LYONS FERRY HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 230,000 | 9,200 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Shipped | 10/2017 | 10/2017 | TUCANNON HATCHERY | 230,000 | 25.0 | 9,200 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

LYONS FERRY HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SNAKE R-LOWR 33.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,555,000 | |
| Shipping | 3,634,500 | 58,786 |
| Received | | |
| Planted | 650,000 | 49,000 |

Estimated Brood Data

Egg Take Goal 4,555,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|-----------|------|--------------|------------|
| Shipped | 12/2017 | 12/2017 | OREGON- IRRIGON HATCHERY | 1,554,000 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 04/2018 | NEZ PERCE TRIBAL FAC | 508,000 | 75.0 | 6,773 | JUVENILE |
| Shipped | 05/2018 | 05/2018 | NEZ PERCE TRIBAL FAC | 201,000 | 75.0 | 2,680 | JUVENILE |
| Shipped | 05/2018 | 05/2018 | NEZ PERCE TRIBAL FAC | 406,000 | 75.0 | 5,413 | JUVENILE |
| Shipped | 05/2018 | 05/2018 | NEZ PERCE TRIBAL FAC | 508,000 | 75.0 | 6,773 | JUVENILE |
| Shipped | 02/2019 | 02/2019 | NEZ PERCE TRIBAL FAC | 152,500 | 13.0 | 11,731 | JUVENILE |
| Shipped | 03/2019 | 03/2019 | NEZ PERCE TRIBAL FAC | 152,500 | 12.0 | 12,708 | JUVENILE |
| Shipped | 03/2019 | 03/2019 | NEZ PERCE TRIBAL FAC | 152,500 | 12.0 | 12,708 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 200,000 | 50.0 | 4,000 | JUVENILE | LYONS FERRY REL.SITE | AD | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 225,000 | 10.0 | 22,500 | JUVENILE | LYONS FERRY REL.SITE | AD | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 225,000 | 10.0 | 22,500 | JUVENILE | LYONS FERRY REL.SITE | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. PIT tagged release rates will be determined annually.

2017 Future Brood Document Final

LYONS FERRY HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 245,000 | |
| Shipping | 230,000 | 9,200 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 245,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Shipped | 10/2018 | 10/2018 | TUCANNON HATCHERY | 230,000 | 25.0 | 9,200 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

MAKAH NFH ON TSOO-YESS R

U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TSOO-YESS R 20.0015
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 2,700,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 05/2018 | 05/2018 | EDUCKET CR HATCHERY | 100,000 | 250.0 | 400 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 2,000,000 | 75.0 | 26,667 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 200,000 | 75.0 | 2,667 | JUVENILE | TSOO-YESS R 20.0015 | AD | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

MARBLEMOUNT HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: MARBLEMOUNT HATCH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 587,500 | 8,392 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 06/2017 | 06/2017 | 200,000 | 70.0 | 2,857 | JUVENILE | CASCADE R 03.1411 | | <input checked="" type="checkbox"/> |
| 06/2017 | 06/2017 | 200,000 | 70.0 | 2,857 | JUVENILE | CASCADE R 03.1411 | AD | <input checked="" type="checkbox"/> |
| 06/2017 | 06/2017 | 110,000 | 70.0 | 1,571 | JUVENILE | CASCADE R 03.1411 | AD | <input type="checkbox"/> |
| 06/2017 | 06/2017 | 77,500 | 70.0 | 1,107 | JUVENILE | CASCADE R 03.1411 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. 147,528 production contingent on external funding. Eggs must be 100% sampled and undergo isolation incubation. Tulalip program suspended with 2000 brood, will be reinstated.

2017 Future Brood Document Final

MARBLEMOUNT HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: MARBLEMOUNT HATCH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 750,000 | |
| Shipping | | |
| Received | | |
| Planted | 587,500 | 8,392 |

Estimated Brood Data

Egg Take Goal 750,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 200,000 | 70.0 | 2,857 | JUVENILE | CASCADE R 03.1411 | | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 70.0 | 2,857 | JUVENILE | CASCADE R 03.1411 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 77,500 | 70.0 | 1,107 | JUVENILE | CASCADE R 03.1411 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 110,000 | 70.0 | 1,571 | JUVENILE | CASCADE R 03.1411 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. 147,528 production contingent on external funding. Eggs must be 100% sampled and undergo isolation incubation. Tulalip program suspended with 2000 brood, will be reinstated.

2017 Future Brood Document Final

MARBLEMOUNT HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SKAGIT R 03.0176
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 230,000 | |
| Shipping | | |
| Received | | |
| Planted | 200,000 | 2,000 |

Estimated Brood Data

Egg Take Goal 230,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 200,000 | 100.0 | 2,000 | JUVENILE | COUNTY LINE CR3.2363 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Adults will be broodstocked from mainstem and brought to the hatchery by Fish Management personnel. No releases from Marblemount Hatchery.

2017 Future Brood Document Final

MAYFIELD LK NET PENS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 2,000,000 | 25,000 |
| Received | 2,000,000 | 10,000 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|-----------|-------|--------------|------------|
| Received | 04/2018 | 05/2018 | COWLITZ SALMON HATCHERY | 2,000,000 | 200.0 | 10,000 | JUVENILE |
| Shipped | 06/2018 | 06/2018 | COWLITZ SALMON HATCHERY | 2,000,000 | 80.0 | 25,000 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

MAYR BROTHERS REARIN

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: WISHKAH R 22.0191
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | WISHKAH R 22.0191 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

METHOW HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 85,500 | 4,750 |
| Received | | |
| Planted | 110,000 | 7,333 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 03/2018 | 03/2018 | CHEWUCH ACCLIMATION | 60,500 | 18.0 | 3,361 | JUVENILE |
| Shipped | 03/2018 | 03/2018 | GOAT WALL ACCL SITE | 25,000 | 18.0 | 1,389 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 110,000 | 15.0 | 7,333 | JUVENILE | METHOW R 48.0002 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

METHOW HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: TWISP R 48.0374
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 30,000 | 1,667 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 03/2018 | 03/2018 | TWISP ACCLIMATION PD | 30,000 | 18.0 | 1,667 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

METHOW HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: METHOW R 48.0002
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 295,000 | |
| Shipping | 85,500 | 4,750 |
| Received | | |
| Planted | 110,000 | 7,333 |

Estimated Brood Data

Egg Take Goal 295,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|--------|------|--------------|------------|
| Shipped | 03/2019 | 03/2019 | CHEWUCH ACCLIMATION | 60,500 | 18.0 | 3,361 | JUVENILE |
| Shipped | 03/2019 | 03/2019 | GOAT WALL ACCL SITE | 25,000 | 18.0 | 1,389 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 110,000 | 15.0 | 7,333 | JUVENILE | METHOW R 48.0002 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

METHOW HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: TWISP R 48.0374
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 40,000 | |
| Shipping | 30,000 | 1,667 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 40,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|--------|------|--------------|------------|
| Shipped | 03/2019 | 03/2019 | TWISP ACCLIMATION PD | 30,000 | 18.0 | 1,667 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

METHOW VALLEY SD 350

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Received | 12/2017 | 12/2017 | WELLS HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 225 | 500.0 | 0 | JUVENILE | METHOW R 48.0002 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

MINTER CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TUMWATER FALLS HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 4,000,000 | 4,000 |
| Received | 4,575,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|-----------|---------|--------------|------------|
| Received | 09/2017 | 10/2017 | TUMWATER FALLS HATCHERY | 4,575,000 | | 0 | EGGS GREEN |
| Shipped | 01/2018 | 01/2018 | COULTER CR REARING POND | 4,000,000 | 1,000.0 | 4,000 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. 100% viral certified and held on pathogen free water.

2017 Future Brood Document Final

MINTER CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: MINTER CR HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,600,000 | |
| Shipping | 750,000 | 0 |
| Received | | |
| Planted | 1,250,000 | 15,625 |

Estimated Brood Data

Egg Take Goal 2,600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-----|--------------|------------|
| Shipped | 11/2017 | 11/2017 | GROVERS CR HATCHERY | 750,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 1,250,000 | 80.0 | 15,625 | JUVENILE | MINTER CR 15.0048 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

MINTER CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 550,000 | |
| Shipping | 425,000 | 425 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 550,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|---------|--------------|------------|
| Shipped | 01/2018 | 01/2018 | HUPP SPRINGS REARING | 425,000 | 1,000.0 | 425 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Excess eggs taken will be made available for W.R. SP CK Recovery Program pending funding.

2017 Future Brood Document Final

NASELLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: NASELLE R 24.0543
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 2,750,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 04/2018 | 06/2018 | 2,400,000 | 80.0 | 30,000 | JUVENILE | NASELLE R 24.0543 | AD | <input type="checkbox"/> |
| 04/2018 | 06/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | NASELLE R 24.0543 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

NASON CREEK ACC FACILITY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: NASON CR 45.0888
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 236,000 | 7,867 |
| Planted | 223,670 | 12,426 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | EASTBANK HATCHERY | 236,000 | 30.0 | 7,867 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 223,670 | 18.0 | 12,426 | JUVENILE | NASON CR 45.0888 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

NASON CREEK ACC FACILITY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: NASON CR 45.0888
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 236,000 | 7,867 |
| Planted | 223,670 | 12,426 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|------|--------------|------------|
| Received | 10/2018 | 10/2018 | EASTBANK HATCHERY | 236,000 | 30.0 | 7,867 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 223,670 | 18.0 | 12,426 | JUVENILE | NASON CR 45.0888 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

NEMAH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: NEMAH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal 3,700,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | NORTH NEMAH R24.0460 | | <input checked="" type="checkbox"/> |
| 04/2018 | 06/2018 | 2,900,000 | 80.0 | 36,250 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input type="checkbox"/> |
| 04/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | NORTH NEMAH R24.0460 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

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U.S. FISH AND WILDLIFE SERVICE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: KALAMA CR 11.0017
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 100 | 0 |
| Planted | 90 | 1 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|--------|-----|--------------|------------|
| Received | 12/2017 | 12/2017 | KALAMA CR HATCHERY | 100 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|-------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 90 | 150.0 | 1 | JUVENILE | KALAMA CR 11.0017 | | <input type="checkbox"/> |

Memo: The US Fish and Wildlife Service is sponsoring this request to raise salmon in the classroom to augment student science curriculum.

2017 Future Brood Document Final

NORTH TOUTLE HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TOUTLE R 26.0227
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,625,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,400,000 | 17,500 |

Estimated Brood Data

Egg Take Goal 1,625,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|-----------------|-----------|-------------------------------------|
| 06/2018 | 07/2018 | 1,300,000 | 80.0 | 16,250 | JUVENILE | GREEN R 26.0323 | AD | <input type="checkbox"/> |
| 06/2018 | 07/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | GREEN R 26.0323 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Will backfill with other Tule stocks if necessary. By approval only.

2017 Future Brood Document Final

ORCAS IS SD 137(EAST)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GLENWOOD SPRINGS
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | GLENWOOD SPRINGS | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 225 | 500.0 | 0 | JUVENILE | FALSE BAY CR 02.0028 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

OROVILLE ES(OROVILLE

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------|--------|-----|--------------|------------|
| Received | 12/2017 | 12/2017 | WELLS HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 225 | 500.0 | 0 | JUVENILE | SIMILKAMEEN R 490325 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

PALMER HATCHERY

MUCKLESHOOT TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: BIG SOOS CR 09.0072
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 1,050,000 | 4,667 |
| Planted | 1,000,000 | 16,667 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|-----------|-------|--------------|------------|
| Received | 03/2018 | 03/2018 | SOOS CREEK HATCHERY | 1,050,000 | 225.0 | 4,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|--------------------------|
| 06/2018 | 07/2018 | 1,000,000 | 60.0 | 16,667 | JUVENILE | GREEN R 09.0001 | OT | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Released at Spring Creek at Palmer Ponds.

2017 Future Brood Document Final

PRIEST RAPIDS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PRIEST RAPIDS (36)
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|------------|--------------|
| Egg Take | 13,530,000 | |
| Shipping | 4,121,450 | 0 |
| Received | | |
| Planted | 7,299,543 | 145,991 |

Estimated Brood Data

Egg Take Goal 13,530,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------------------|-----------|-----|--------------|------------|
| Shipped | 12/2017 | 12/2017 | BONNEVILLE HATCHERY | 4,100,000 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | FRANKLIN CONSERV DIST | 3,200 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | QUINCY HS (QUINCY) | 250 | | 0 | EGGS EYED |
| Shipped | 01/2018 | 01/2018 | YAKIMA BASIN ENVIRONMENTAL EDUC P | 18,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 1,000,000 | 50.0 | 20,000 | JUVENILE | COLUMBIA R - GENERAL | AD+OT | <input type="checkbox"/> |
| 05/2018 | 06/2018 | 600,000 | 50.0 | 12,000 | JUVENILE | COLUMBIA R - GENERAL | OT | <input checked="" type="checkbox"/> |
| 05/2018 | 06/2018 | 1,700,000 | 50.0 | 34,000 | JUVENILE | COLUMBIA R - GENERAL | AD+OT | <input type="checkbox"/> |
| 05/2018 | 06/2018 | 600,000 | 50.0 | 12,000 | JUVENILE | COLUMBIA R - GENERAL | AD+OT | <input checked="" type="checkbox"/> |
| 05/2018 | 06/2018 | 3,399,543 | 50.0 | 67,991 | JUVENILE | COLUMBIA R - GENERAL | OT | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. 43,000 Released PIT Tagged.

2017 Future Brood Document Final

PUYALLUP HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 800,000 | 5,333 |
| Received | 900,000 | 600 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|---------|--------------|------------|
| Received | 10/2017 | 10/2017 | | 900,000 | 1,500.0 | 600 | EGGS EYED |
| Shipped | 03/2018 | 04/2018 | WHITE RIVER ACCL POND | 800,000 | 150.0 | 5,333 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Eggs received from either Minter Creek Hatchery or the Muckleshoot tribe.

2017 Future Brood Document Final

QUINAULT LK HATCHERY

QUINAULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: QUINAULT R 21.0398
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal 1,300,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 11/2017 | 12/2017 | QUINAULT NFH -COOK C | 450,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 09/2018 | 09/2018 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | AD | <input checked="" type="checkbox"/> |
| 09/2018 | 09/2018 | 200,000 | 15.0 | 13,333 | JUVENILE | QUINAULT LK (GRAY) | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

QUINCY HS (QUINCY)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PRIEST RAPIDS (36)
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 250 | 0 |
| Planted | 225 | 2 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | PRIEST RAPIDS HATCHERY | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 225 | 100.0 | 2 | JUVENILE | SAND HOLLOW C41.2151 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

RFEF 14 CASCADE COLUMBIA

CASCADE COLUMBIA FISHERIES ENHANCEMENT GROUP

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: CHELAN FALLS EASTBANK OF
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|--------|-----|--------------|------------|
| Received | 12/2017 | 12/2017 | EASTBANK HATCHERY | 2,250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|---------|--------------|------------|------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 2,000 | 1,000.0 | 2 | JUVENILE | CHELAN R 47.0052 | | <input type="checkbox"/> |

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

2017 Future Brood Document Final

RINGOLD SPRINGS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PRIEST RAPIDS (36)
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 3,620,000 | 28,960 |
| Planted | 3,500,000 | 70,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|-----------|-------|--------------|------------|
| Received | 05/2018 | 05/2018 | BONNEVILLE HATCHERY | 3,620,000 | 125.0 | 28,960 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 3,050,000 | 50.0 | 61,000 | JUVENILE | SPRINGS CR 36.0114 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 450,000 | 50.0 | 9,000 | JUVENILE | SPRINGS CR 36.0114 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Up River Brights. Fish transferred from Bonneville (ODFW)

2017 Future Brood Document Final

SALMON R FISH CULTUR

QUINULT DEPARTMENT OF NATURAL RESOURCES

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: QUEETS R 21.0016
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal 250,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 08/2018 | 08/2018 | 200,000 | 40.0 | 5,000 | JUVENILE | SALMON R 21.0139 | AD | <input checked="" type="checkbox"/> |

Memo: US/Canada wild indicator stock.

2017 Future Brood Document Final

SAMISH HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SAMISH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 7,200,000 | |
| Shipping | 8,000,000 | 1,000 |
| Received | 7,000,000 | 0 |
| Planted | 4,000,000 | 50,000 |

Estimated Brood Data

Egg Take Goal 7,200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|-----------|-------|--------------|------------|
| Received | 11/2017 | 11/2017 | KENDALL CR HATCHERY | 7,000,000 | | 0 | EGGS EYED |
| Shipped | 11/2017 | 11/2017 | KENDALL CR HATCHERY | 7,000,000 | | 0 | EGGS GREEN |
| Shipped | 11/2017 | 11/2017 | WHATCOM CR HATCHERY | 500,000 | | 0 | EGGS EYED |
| Shipped | 03/2018 | 03/2018 | LUMMI SEA PONDS | 500,000 | 500.0 | 1,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 3,600,000 | 80.0 | 45,000 | JUVENILE | SAMISH R 03.0005 | AD+OT | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | SAMISH R 03.0005 | AD+OT | <input checked="" type="checkbox"/> |
| 05/2018 | 05/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | SAMISH R 03.0005 | OT | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Otolith marks applied at Kendall Creek.

2017 Future Brood Document Final

SATSOP SPRINGS PONDS

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SATSOP R 22.0360
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal 600,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-------|--------------|------------|
| Shipped | 11/2017 | 11/2017 | BINGHAM CR HATCHERY | 600,000 | | 0 | EGGS GREEN |
| Received | 04/2018 | 04/2018 | BINGHAM CR HATCHERY | 300,000 | 100.0 | 3,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 06/2018 | 300,000 | 80.0 | 3,750 | JUVENILE | SATSOP R -EF 22.0360 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

SEATTLE AQUARIUM

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: GARRISON HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|--------|-------|--------------|------------|
| Received | 10/2017 | 11/2017 | GARRISON HATCHERY | 500 | 500.0 | 1 | EGGS EYED |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Fish are for display only, no release.

2017 Future Brood Document Final

SIMILKAMEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: OKANOGAN R 49.0019
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 8,000 |
| Planted | 167,000 | 11,133 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | CHIEF JOSEPH HATCHERY | 200,000 | 25.0 | 8,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 167,000 | 15.0 | 11,133 | JUVENILE | SIMILKAMEEN R 490325 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May receive up to 300K.

2017 Future Brood Document Final

SIMILKAMEEN HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: OKANOGAN R 49.0019
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 200,000 | 8,000 |
| Planted | 167,000 | 11,133 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|------|--------------|------------|
| Received | 10/2018 | 10/2018 | CHIEF JOSEPH HATCHERY | 200,000 | 25.0 | 8,000 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 167,000 | 15.0 | 11,133 | JUVENILE | SIMILKAMEEN R 490325 | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. May receive up to 300K.

2017 Future Brood Document Final

SKOOKUM CR HATCHERY

LUMMI TRIBE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: NOOKSACK -SF 01.0246
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,200,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,000,000 | 12,500 |

Estimated Brood Data

Egg Take Goal 1,200,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 1,000,000 | 80.0 | 12,500 | JUVENILE | NOOKSACK -SF 01.0246 | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

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

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|----------------|------|---------------|------------|-------------------|-----------|-------------------------------------|
| 07/2017 | 07/2017 | 70,000 | 50.0 | 1,400 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2018 | 04/2018 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |
| 03/2018 | 04/2018 | 80,000 | 8.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: ELWHA R 18.0272
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | 2,300,000 | 5,750 |
| Received | 2,450,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|-----------|-------|--------------|------------|
| Received | 11/2017 | 11/2017 | HURD CR HATCHERY | 2,450,000 | | 0 | EGGS EYED |
| Shipped | 02/2018 | 02/2018 | ELWHA HATCHERY | 2,300,000 | 400.0 | 5,750 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

SOLDUC HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SOL DUC R 20.0096
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 440,000 | |
| Shipping | 250,000 | 0 |
| Received | 160,000 | 1,067 |
| Planted | 320,000 | 32,650 |

Estimated Brood Data

Egg Take Goal 440,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-------|--------------|------------|
| Shipped | 11/2017 | 11/2017 | LONESOME CR HATCHERY | 250,000 | | 0 | EGGS EYED |
| Received | 04/2018 | 04/2018 | LONESOME CR HATCHERY | 160,000 | 150.0 | 1,067 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 07/2018 | 07/2018 | 70,000 | 50.0 | 1,400 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2019 | 04/2019 | 80,000 | 8.0 | 10,000 | JUVENILE | SOL DUC R 20.0096 | AD | <input checked="" type="checkbox"/> |
| 03/2019 | 04/2019 | 170,000 | 8.0 | 21,250 | JUVENILE | SOL DUC R 20.0096 | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

SOOS CREEK HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: BIG SOOS CR 09.0072
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 6,200,000 | |
| Shipping | 1,370,000 | 7,867 |
| Received | | |
| Planted | 3,200,000 | 40,000 |

Estimated Brood Data

Egg Take Goal 6,200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|-----------|-------|--------------|------------|
| Shipped | 03/2018 | 03/2018 | PALMER HATCHERY | 1,050,000 | 225.0 | 4,667 | JUVENILE |
| Shipped | 04/2018 | 04/2018 | ICY CR HATCHERY | 320,000 | 100.0 | 3,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 2,800,000 | 80.0 | 35,000 | JUVENILE | BIG SOOS CR 09.0072 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | BIG SOOS CR 09.0072 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 80.0 | 2,500 | JUVENILE | BIG SOOS CR 09.0072 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: COWLITZ R 26.0002
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 260,000 | 17,333 |
| Received | 300,000 | 3,750 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|---------|------|--------------|------------|
| Received | 06/2017 | 06/2017 | COWLITZ SALMON HATCHERY | 300,000 | 80.0 | 3,750 | JUVENILE |
| Shipped | 11/2017 | 11/2017 | CATHLAMET CHANNEL NP | 260,000 | 15.0 | 17,333 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: LEWIS RIVER HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,750,000 | |
| Shipping | 1,325,000 | 14,722 |
| Received | | |
| Planted | | |

Estimated Brood Data

Egg Take Goal 1,750,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|-----------|------|--------------|------------|
| Shipped | 05/2018 | 06/2018 | LEWIS RIVER HATCHERY | 1,325,000 | 90.0 | 14,722 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

SPEELYAI HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: LEWIS R 27.0168
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 125,000 | |
| Shipping | | |
| Received | | |
| Planted | 100,000 | 4,000 |

Estimated Brood Data

Egg Take Goal 125,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|---------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 10/2018 | 10/2018 | 35,000 | 25.0 | 1,400 | JUVENILE | CLEAR CR 27.0519 | | <input checked="" type="checkbox"/> |
| 10/2018 | 10/2018 | 15,000 | 25.0 | 600 | JUVENILE | CRAB CREEK 27.0579 | | <input checked="" type="checkbox"/> |
| 10/2018 | 10/2018 | 50,000 | 25.0 | 2,000 | JUVENILE | MUDDY R 27.0517 | | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. These may be direct planted if flows are low. 10% of each plant location will be PIT tagged. If program is short, the release number per location will be determined by the Aquatics Coordination Committee (ACC).

2017 Future Brood Document Final

SPRING CR NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SPRING CR 29.0159
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|------------|--------------|
| Egg Take | 15,000,000 | |
| Shipping | 3,011,500 | 65 |
| Received | | |
| Planted | 10,500,000 | 105,000 |

Estimated Brood Data

Egg Take Goal 15,000,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------------|-----------|-------|--------------|------------|
| Shipped | 10/2017 | 10/2017 | BONNEVILLE HATCHERY | 3,000,000 | | 0 | EGGS EYED |
| Shipped | 10/2017 | 10/2017 | REG 5 ED COOPS | 5,000 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 05/2018 | NMFS - BONNEVILLE HATCHERY | 6,500 | 100.0 | 65 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 05/2018 | 9,690,000 | 100.0 | 96,900 | JUVENILE | COLUMBIA R - GENERAL | AD | <input type="checkbox"/> |
| 04/2018 | 05/2018 | 405,000 | 100.0 | 4,050 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |
| 04/2018 | 05/2018 | 405,000 | 100.0 | 4,050 | JUVENILE | COLUMBIA R - GENERAL | | <input checked="" type="checkbox"/> |

Memo: On-station sub-yearling release. Double Index Tag groups. Egg shipment to Bonneville Hatchery only if Bonneville Hatchery is short of broodstock or unexpected loss.

2017 Future Brood Document Final

TUCANNON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 230,000 | 9,200 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 10/2017 | 10/2017 | LYONS FERRY HATCHERY | 230,000 | 25.0 | 9,200 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Received at 25-30 fpp.

2017 Future Brood Document Final

TUCANNON HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

EASTERN WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: TUCANNON R 35.0009
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 230,000 | 9,200 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 10/2018 | 10/2018 | LYONS FERRY HATCHERY | 230,000 | 25.0 | 9,200 | JUVENILE |

Estimated Release Data

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

Memo: Program implementation is dependent on legal authority and funding. Received at 25-30 fpp.

2017 Future Brood Document Final

TUMWATER FALLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: TUMWATER FALLS HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,575,000 | |
| Shipping | 4,575,000 | 0 |
| Received | 3,800,000 | 31,667 |
| Planted | 3,800,000 | 42,222 |

Estimated Brood Data

Egg Take Goal 4,575,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------------|-----------|-------|--------------|------------|
| Shipped | 09/2017 | 10/2017 | MINTER CR HATCHERY | 4,575,000 | | 0 | EGGS GREEN |
| Received | 03/2018 | 05/2018 | COULTER CR REARING POND | 3,800,000 | 120.0 | 31,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|--------------------------|
| 03/2018 | 06/2018 | 3,800,000 | 90.0 | 42,222 | JUVENILE | CAPITOL LK (THUR) | AD | <input type="checkbox"/> |

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

2017 Future Brood Document Final

TWISP ACCLIMATION PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: TWISP R 48.0374
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 30,000 | 1,667 |
| Planted | 30,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2018 | 03/2018 | METHOW HATCHERY | 30,000 | 18.0 | 1,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 30,000 | 15.0 | 2,000 | JUVENILE | TWISP R 48.0374 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

TWISP ACCLIMATION PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: TWISP R 48.0374
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 30,000 | 1,667 |
| Planted | 30,000 | 2,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------|--------|------|--------------|------------|
| Received | 03/2019 | 03/2019 | METHOW HATCHERY | 30,000 | 18.0 | 1,667 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 04/2019 | 04/2019 | 30,000 | 15.0 | 2,000 | JUVENILE | TWISP R 48.0374 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

UPR DUNGENESS ACC PD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: DUNGENESS R 18.0018
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 50,000 | 333 |
| Planted | 50,000 | 1,000 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------|--------|-------|--------------|------------|
| Received | 04/2018 | 04/2018 | HURD CR HATCHERY | 50,000 | 150.0 | 333 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 05/2018 | 06/2018 | 50,000 | 50.0 | 1,000 | JUVENILE | DUNGENESS R 18.0018 | | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

VOIGHTS CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PUYALLUP R 10.0021
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,200,000 | |
| Shipping | 400,000 | 0 |
| Received | | |
| Planted | 1,600,000 | 20,000 |

Estimated Brood Data

Egg Take Goal 2,200,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|---------------------|---------|-----|--------------|------------|
| Shipped | 09/2017 | 10/2017 | CLARKS CRK HATCHERY | 400,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 150,000 | 80.0 | 1,875 | JUVENILE | VOIGHT CR 10.0414 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 1,450,000 | 80.0 | 18,125 | JUVENILE | VOIGHT CR 10.0414 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Up to 500 adult fish planted above Electron Diversion Dam. Clarks Creek Hatchery ship is 400,000 and up to 900,000. Excess fish shall be planted into a landlocked lake as stated in the HGMP.

2017 Future Brood Document Final

WALLACE R HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: SKYKOMISH R 07.0012
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 500,000 | 62,500 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|---------------------|-----------|--------------------------|
| 04/2018 | 04/2018 | 500,000 | 8.0 | 62,500 | JUVENILE | SKYKOMISH R 07.0012 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. This production is funded under the Recreational Fisheries Enhancement Bill passed by the 1993 legislature. Fish will be tagged based on available funding (yearling program).

2017 Future Brood Document Final

WALLACE R HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: SKYKOMISH R 07.0012
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 4,800,000 | |
| Shipping | 2,800,000 | 0 |
| Received | | |
| Planted | 1,500,000 | 76,785 |

Estimated Brood Data

Egg Take Goal 4,800,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|-----------|-----|--------------|------------|
| Shipped | 09/2017 | 09/2017 | BERNIE GOBIN HATCH | 2,800,000 | | 0 | EGGS GREEN |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|---------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 200,000 | 70.0 | 2,857 | JUVENILE | SKYKOMISH R 07.0012 | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 06/2018 | 600,000 | 70.0 | 8,571 | JUVENILE | SKYKOMISH R 07.0012 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 200,000 | 70.0 | 2,857 | JUVENILE | SKYKOMISH R 07.0012 | | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 500,000 | 8.0 | 62,500 | JUVENILE | SKYKOMISH R 07.0012 | AD | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. This production is funded under the Recreational Fisheries Enhancement Bill passed by the 1993 legislature. Fish will be tagged based on available funding (yearling program).

2017 Future Brood Document Final

WASHOUGAL HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: WASHOUGAL HATCHERY
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 2,400,000 | |
| Shipping | | |
| Received | | |
| Planted | 1,900,000 | 23,750 |

Estimated Brood Data

Egg Take Goal 2,400,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|------------------|------|---------------|------------|---------------------|-----------|-------------------------------------|
| 06/2018 | 06/2018 | 1,800,000 | 80.0 | 22,500 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input type="checkbox"/> |
| 06/2018 | 06/2018 | 100,000 | 80.0 | 1,250 | JUVENILE | WASHOUGAL R 28.0159 | AD | <input checked="" type="checkbox"/> |

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

2017 Future Brood Document Final

WELLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

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

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 320,000 | 10.0 | 32,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Sub-Yearling group 6,000 PIT Tagged.

2017 Future Brood Document Final

WELLS HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: WELLS HATCHERY
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | 1,850,000 | |
| Shipping | 345,500 | 0 |
| Received | | |
| Planted | 804,000 | 41,680 |

Estimated Brood Data

Egg Take Goal 1,850,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|-----|--------------|------------|
| Shipped | 10/2017 | 10/2017 | PROSSER HATCHERY | 345,000 | | 0 | EGGS GREEN |
| Shipped | 12/2017 | 12/2017 | METHOW VALLEY SD 350 | 250 | | 0 | EGGS EYED |
| Shipped | 12/2017 | 12/2017 | OROVILLE ES(OROVILLE | 250 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 484,000 | 50.0 | 9,680 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 320,000 | 10.0 | 32,000 | JUVENILE | COLUMBIA R - GENERAL | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Sub-Yearling group 6,000 PIT Tagged.

2017 Future Brood Document Final

WHATCOM CR HATCHERY

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - ENHANCEMENT COOPS

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: SAMISH HATCHERY
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | 450,000 | 5,625 |
| Received | 500,000 | 0 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|----------------------|---------|------|--------------|------------|
| Received | 11/2017 | 11/2017 | SAMISH HATCHERY | 500,000 | | 0 | EGGS EYED |
| Shipped | 04/2018 | 04/2018 | LUMMI HATCHERY -POND | 450,000 | 80.0 | 5,625 | JUVENILE |

Estimated Release Data

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

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

2017 Future Brood Document Final

WHITE RIVER ACCL POND

PUYALLUP TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 800,000 | 5,333 |
| Planted | | |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-------------------|---------|-------|--------------|------------|
| Received | 03/2018 | 04/2018 | PUYALLUP HATCHERY | 800,000 | 150.0 | 5,333 | JUVENILE |

Estimated Release Data

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

Memo:

2017 Future Brood Document Final

WHITE RIVER HATCHERY

MUCKLESHOOT TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 55,000 | 6,875 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-----|--------------|------------|-----------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 55,000 | 8.0 | 6,875 | JUVENILE | WHITE R 10.0031 | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

WHITE RIVER HATCHERY

MUCKLESHOOT TRIBE

COASTAL / PUGET SOUND / HOOD CANAL

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: WHITE R 10.0031
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 725,000 | |
| Shipping | 250,000 | 1,250 |
| Received | | |
| Planted | 395,000 | 10,739 |

Estimated Brood Data

Egg Take Goal 725,000

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|-----------------------|---------|-------|--------------|------------|
| Shipped | 03/2018 | 03/2018 | WHITE RIVER ACCL POND | 250,000 | 200.0 | 1,250 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|-----------------|-----------|-------------------------------------|
| 05/2018 | 05/2018 | 340,000 | 88.0 | 3,864 | JUVENILE | WHITE R 10.0031 | | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 55,000 | 8.0 | 6,875 | JUVENILE | WHITE R 10.0031 | | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

WHITEHORSE POND

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

NORTH PUGET SOUND

Brood Year: 2017
Species: Chinook
Run: Summer
Stock: STILLAGUAMISH R
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 225,000 | 643 |
| Planted | 220,000 | 1,833 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------|---------|-------|--------------|------------|
| Received | 02/2018 | 02/2018 | HARVEY CR HATCHERY | 225,000 | 350.0 | 643 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|---------------------|-----------|-------------------------------------|
| 03/2018 | 06/2018 | 220,000 | 120.0 | 1,833 | JUVENILE | STILLAGUAMISH R -NF | AD | <input checked="" type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Release size is 80-150 fpp.

2017 Future Brood Document Final

WILLARD NFH

U.S. FISH AND WILDLIFE SERVICE

SOUTHWEST WASHINGTON / LOWER COL

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: LTL WHITE SALMON-NFH
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|-----------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 2,200,000 | 2,200 |
| Planted | 2,000,000 | 22,222 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|--------------------------|-----------|---------|--------------|------------|
| Received | 02/2018 | 02/2018 | CARSON DEPOT SPRINGS NFH | 2,200,000 | 1,000.0 | 2,200 | JUVENILE |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|----------------------|-----------|-------------------------------------|
| 06/2018 | 07/2018 | 100,000 | 90.0 | 1,111 | JUVENILE | LITTL WHITE SALMON R | AD | <input checked="" type="checkbox"/> |
| 06/2018 | 07/2018 | 100,000 | 90.0 | 1,111 | JUVENILE | LITTL WHITE SALMON R | | <input checked="" type="checkbox"/> |
| 06/2018 | 07/2018 | 1,800,000 | 90.0 | 20,000 | JUVENILE | LITTL WHITE SALMON R | AD | <input type="checkbox"/> |

Memo: Received from Carson Depot Springs.

2017 Future Brood Document Final

WINTHROP NFH

U.S. FISH AND WILDLIFE SERVICE

NORTH CENTRAL WASHINGTON

Brood Year: 2016
Species: Chinook
Run: Spring
Stock: METHOW R+CHEWUCH R
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | | |
| Planted | 400,000 | 22,222 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|------------------|-----------|-------------------------------------|
| 04/2018 | 04/2018 | 400,000 | 18.0 | 22,222 | JUVENILE | METHOW R 48.0007 | AD | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

WINTHROP NFH

U.S. FISH AND WILDLIFE SERVICE

NORTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Spring
Stock: METHOW R+CHEWUCH R
Brood Origin: HATCHERY
Integrated/Segregated: SEGREGATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | 670,000 | |
| Shipping | | |
| Received | | |
| Planted | 420,000 | 22,889 |

Estimated Brood Data

Egg Take Goal 670,000

Estimated Transfer Data

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

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|------|--------------|------------|--------------------|-----------|-------------------------------------|
| 10/2018 | 11/2018 | 20,000 | 30.0 | 667 | JUVENILE | OKANOGAN R 49.0019 | AD | <input checked="" type="checkbox"/> |
| 04/2019 | 04/2019 | 400,000 | 18.0 | 22,222 | JUVENILE | METHOW R 48.0007 | AD | <input checked="" type="checkbox"/> |

Memo:

2017 Future Brood Document Final

YAKIMA BASIN ENVIRONMENTAL EDUC PRO

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE - EDUCATIONAL COOPS

SOUTH CENTRAL WASHINGTON

Brood Year: 2017
Species: Chinook
Run: Fall
Stock: PRIEST RAPIDS (36)
Brood Origin: MIXED
Integrated/Segregated: INTEGRATED

| | Total # | Total Pounds |
|----------|---------|--------------|
| Egg Take | | |
| Shipping | | |
| Received | 18,000 | 0 |
| Planted | 17,750 | 35 |

Estimated Brood Data

Egg Take Goal

Estimated Transfer Data

| Shipped or Received | Start Date | End Date | Facility | Number | FPP | Total Pounds | Life Stage |
|---------------------|------------|----------|------------------------|--------|-----|--------------|------------|
| Received | 01/2018 | 01/2018 | PRIEST RAPIDS HATCHERY | 18,000 | | 0 | EGGS EYED |

Estimated Release Data

| Start Date | End Date | Num Release | FPP | Total Pounds | Life Stage | Release Site | Mark Type | Tagged |
|------------|----------|-------------|-------|--------------|------------|----------------------|-----------|--------------------------|
| 05/2018 | 05/2018 | 1,575 | 500.0 | 3 | JUVENILE | AHTANUM CR 37.1382 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 3,975 | 500.0 | 8 | JUVENILE | COLUMBIA R - GENERAL | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 575 | 500.0 | 1 | JUVENILE | COWICHE CR 38.0005 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 775 | 500.0 | 2 | JUVENILE | NACHES R 38.0003 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 400 | 500.0 | 1 | JUVENILE | TOPPENISH CR 37.1178 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 175 | 500.0 | 0 | JUVENILE | WENATCHEE R 45.0030 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 3,575 | 500.0 | 7 | JUVENILE | WIDE HOLLOW C37.1400 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 175 | 500.0 | 0 | JUVENILE | WILSON CR 39.0604 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 6,175 | 500.0 | 12 | JUVENILE | YAKIMA R-LOW 37.0002 | | <input type="checkbox"/> |
| 05/2018 | 05/2018 | 350 | 500.0 | 1 | JUVENILE | YAKIMA R-LOW 37.0002 | | <input type="checkbox"/> |

Memo: Program implementation is dependent on legal authority and funding. Yakima R release Bucksin Cr, Cariboo Cr, and Taylor Ditch