



**2017-19 Capital Budget Request**  
*Washington Department Of Fish And Wildlife*



2017-2027 Ten-Year Capital Plan



State of Washington  
**DEPARTMENT OF FISH AND WILDLIFE**

Mailing Address: 600 Capitol Way N, Olympia, WA 98501-1091 • (360) 902-2200 • TDD (360) 902-2207  
Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia, WA

September 16, 2016

Mr. David Schumacher  
Director  
Office of Financial Management  
300 Insurance Building  
Olympia, WA 98504-3113

RE: Fiscal Year 2017-2019 Capital Budget Request

Dear Mr. Schumacher:

The Fiscal Year 2017-2019 Capital Budget Request for the Washington Department of Fish and Wildlife (Department) is enclosed. This budget request reflects the Department's dedication to conserving healthy fish and wildlife populations, sustainable outdoor experiences, supporting a strong economy and social values, and pursuing operational excellence.

*Conserving healthy fish and wildlife populations*

The Department is developing new strategies for protecting and restoring native fish and wildlife populations as the state's growing human population displaces an increasing number of species. The Department's request reflects a strong desire to reduce risks to native salmon and steelhead by requesting projects that reduce the impacts hatcheries have on native fish. As a result, the Department has several requests for renovating intakes and improving adult handling facilities. Renovating intakes and improving adult handling facilities will improve survival rates of native fish. The Department also has several requests for improving incubation facilities that will help with producing Endangered Species Act (ESA) listed fish. Constructing pollution abatement ponds will improve discharge water quality from hatcheries, ensuring water quality standards are met. Improving the Wooten Floodplain will restore the floodplain to a more natural condition, improving spawning and rearing habitat for ESA listed fish.

*Sustainable outdoor experiences*

The Department is committed to providing sustainable fishing, hunting and wildlife-viewing opportunities throughout the state. Included in our request are several projects to ensure hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources. Reducing severe wildfire risk and increasing forest resiliency through fuels reduction will improve recreational opportunities by improving game habitat quality and reducing the likelihood of wildfire-related closures that restrict public access.

*Supporting a strong economy and social values*

Washingtonians have a keen interest in the state's fish and wildlife resources, whether for recreational, commercial, or aesthetic reasons. Renovating hatcheries and improving recreational access and wildlife areas increases recreational opportunities for the public. This in turn provides a greater economic benefit for local economies in Washington. The Department estimates recreational opportunities supports tens of thousands of jobs in Washington State and generates more than \$4.5 billion to the state's economy.

*Pursuing operational excellence*

The Department recognizes that a skilled, diverse workforce and efficient business processes are essential to effectively manage fish and wildlife and serve the public in the 21<sup>st</sup> century. Included in the Department's Strategic Plan is the objective to provide work environments that are safe, highly functional, and cost-effective. Projects within this request will help the Department come closer to achieving this objective. The Department evaluated projects based on safety concerns, production value, maintaining facility and infrastructure operations, improving energy efficiencies, and reducing the deferred maintenance backlog, while at the same time improving recreational access and providing for habitat protection. Included in this request are several projects to provide safe working conditions for our employees, such as renovating fish handling facilities. These projects not only improve fish production but in some cases remove hazardous working conditions that can lead to staff injuries.

Thank you for your time and consideration. Department staff are available to assist you with evaluating this request and will be happy to answer any questions as they arise. Please contact Tim Burns, Assistant Director, Capital and Asset Management Program at (360) 902-8382 for any additional information.

Sincerely,



James Unsworth, Ph.D.

Director

Enclosure

cc: Fish and Wildlife Commissioners  
Joe Stohr, Deputy Director  
Tim Burns, Assistant Director, Capital and Asset Management Program  
David Giglio, Assistant Director, Technology and Financial Management Program  
Owen Rowe, Budget Director

**WASHINGTON DEPARTMENT OF FISH AND WILDLIFE**  
**CAPITAL BUDGET REQUEST**  
2017 - 2019 Biennium and 2017-2027 Ten-Year Plan

---

**TABLE OF CONTENTS**

**Table of Contents**

Ten-Year Plan Summary Information .....	1
Ten-Year Capital Program Summary.....	3
DAHP Review Letter and Exempt Project List .....	13
FTE Summary .....	15
Backlog Reduction Plan .....	17

**Preservation Projects**

Minor Works - Preservation .....	25
Facility Safety Deficiencies.....	28
Pumps and Alarms .....	30
Electrical and Standby Generator .....	32
Construct Armory – Lathrop Road Facility .....	34
Arlington Hatchery – Repairs to Ponds and Water Supply.....	35
Fish Culture Improvements.....	37
Chemical Storage Facilities – Statewide Hatcheries.....	39
Statewide Bridge Repairs .....	41
Skagit Wiley Slough Spur Dike Safety Repair.....	44
Skagit Wildlife Area Dike and Drainage Safety Repairs.....	46
Statewide Residence Repairs .....	48
Roof Replacements.....	50
Chelan WLA Swakane Unit – Replace Machine Workshop .....	52
Hurd Creek Relocate 2 Wells.....	54
Wells Wildlife Area – Repairs to Workshop.....	55
Haven Lake Roughened Channel.....	57
Dam Safety Repairs.....	59
Long Lake Access Redevelopment.....	61
Point Whitney Access Site Improvements .....	63
Beginner’s Hole Access Site Repairs .....	64
Ward Lake – Access Site Improvements.....	65
Oak Creek WLA – Upgrades to Cowiche Road Bridge and Roadway.....	66
Dead Canyon Haul Road RMAP.....	68
Johns River WLA – Repairs to ADA trail and loading area .....	69
Oak Creek Cowiche Elk Fence 3 Miles .....	70
Boat Plank Manufacture and Ramp Replacement.....	72
Blue Mountains Odom RMAP – New Acquisitions.....	73
Mt. St. Helens Wildlife Area Road Improvement.....	75
Colockum RMAP .....	77
Morgan Marsh RMAP.....	78
Lacey Construction Shop Facility Upgrades .....	80
Omak Hatchery Storage Building.....	81
Statewide Fish Barrier Repairs.....	82
Statewide Toilet Replacement .....	83
Schumaker/Snyder Access Redevelopment .....	87
Sol Duc Hatchery Public Fishing Access .....	89
Goldendale Hatchery Pipeline Replacement .....	90
John’s River Access Ramp Parking Area Resurface .....	91
General Energy Efficiency Improvements.....	92
Mt. St. Helens Wildlife Area Bank Stabilization .....	95
Methow Wildlife Area Fencing .....	97
Oak Creek WLA – Repairs to Junction Rd. and Elk Fencing .....	99

Methow WLA – Replace HQ Office.....	100
Methow WLA – Renovations to Storage Barn .....	102
Water Right Compliance – Flow Meters .....	103
Skagit Wildlife Area Replace Office .....	105
Snoqualmie Wildlife Area Barn Replacement.....	107
Scatter Creek WLA – Secure Compound, Workshop, Equipment Storage.....	109
South Puget Sound WLA – Compound, Equipment Storage, Workshop .....	111
Replace Pump House Willapa Bay Lab .....	113
Washburn Island – Replace Center Pivot Irrigation System.....	114
Scotch Creek Wildlife Area Irrigation Efficiencies.....	116
Underground Storage Tank Remediation.....	118
Kalama Falls Hatchery – Renovate Intakes .....	119
Sunnyside Wildlife Area Irrigation Efficiencies.....	121
Snow Creek Resort – Replace Mooring Buoys.....	122
Exterior Repairs to Statewide Facilities .....	124
Install Energy Efficient Exterior Lighting – Statewide Facilities.....	125
Sinlahekin Wildlife Area – Renovations to Woodshop .....	127
Wenas Road Improvements.....	128
Water Supply Line Repair - Statewide .....	129
Western Washington Flood Reduction – Region 6 Screens.....	131
Lake Aberdeen Replace T-Dock.....	133
Stinson Flats Access Site – Rebuild Damaged Boatramp .....	135
West Rocky Prairie WLA Unit – Beaver Creek Culvert Replacement .....	136
Sherman Creek Irrigation Diversion Improvements.....	138
Kalama Falls Hatchery – Renovate Fish Passage Barrier.....	139
Soos Creek Hatchery Renovation .....	141
Wallace River Hatchery – Replacement Intakes and Ponds .....	145
Spokane Hatchery Renovation .....	149
Minter Hatchery Intakes .....	153
Naselle Hatchery Renovation .....	157
Wooten Wildlife Area Improve Flood Plain.....	161
Dungeness Hatchery – Replace Main Intake .....	166
Samish Hatchery Intakes .....	170
Hoodsport Hatchery Adult Pond Renovation.....	173
Forks Creek Hatchery – Renovation Intake and Diversion.....	177
Snow Creek Reconstruct Facility.....	182
Fallert Creek Hatchery Renovation .....	185
Hazard Fuel Reductions, Forest Health and Ecosystem Improvement .....	189
Cooperative Elk Damage Fencing .....	193
Marblemount Hatchery Renovation.....	198
Kalama Falls Hatchery Replace Raceways and PA System.....	202
Washougal Hatchery – Rehab Adult Handling Facility .....	206
Ringold Hatchery – Replace Pipelines.....	210
Chelan Hatchery Renovation .....	213
Hurd Creek – Relocate Facilities Out of Floodplain .....	217
Kendall Creek Hatchery – Replace Intake .....	221
Naches Water Supply Development .....	225
Ringold Hatchery – Replace Vinyl Raceways.....	228
Ford Hatchery – Renovate Intake, Ponds, and Residences.....	231
Elochoman Hatchery – Facility Abandonment .....	234
Reiter Hatchery Replace Hogarty Diversion.....	237
George Adams Hatchery – Replace Ponds and Raceways.....	241
Issaquah Hatchery Replace Gravity Pipeline .....	245
Nemah Hatchery – Bridge Replacement.....	249
Arlington Hatchery Renovation.....	251
Columbia Basin Hatchery - Renovation.....	255
Milltown Island Restoration – Phase 2 .....	258
Samish Hatchery – Friday Creek Intake & Fish Passage .....	260
Tokol Creek Hatchery – Replace Raceway, Water Supply, Drains.....	263

Chambers (Garrison) Creek – Fishway Repairs .....	267
Beaver Creek Hatchery - Renovation .....	269
Driscoll Island Bridge .....	273
North Toutle Hatchery Rebuild .....	277
Washougal Hatchery – Pond Replacement .....	281
Sammish Hatchery – Adult Pond .....	285
Seattle Pier 86 Repair Fishing Pier .....	288
Skamania Hatchery – Renovate Adult Trapping & Spawning Facilities.....	291
Dungeness Hatchery Pond Renovation.....	295
Humptulips Hatchery Renovate Ponds .....	299
Bingham Creek – Replace 5 Raceways .....	303
Sol Duc Hatchery – Ponds Renovation .....	307
Mayr Brothers Hatchery – Intake Replacement.....	311
Nemah Hatchery – Intake and Pond Renovation .....	315
Forks Creek Hatchery – Raceway Replacement and Supply Pipeline.....	319
Elwha Channel Hatchery Renovation .....	323
Minor Works .....	327
Beaver Creek Hatchery Intake Replacement.....	331
Omak Hatchery Replace Existing Round Ponds.....	333
Mellotte Bridge Replacement .....	334
Snow Creek Fish Trapping Structure .....	335
Hoodsport Hatchery Staircase.....	336
Ringold Hatchery Main Pipeline.....	337
Humptulips Major Electrical Upgrade .....	338
Hatchery Improvements .....	339
Soos Creek Hatchery-Construct Rearing and PA Ponds.....	340
Minor Works – Access Sites.....	341
Point no Point Access Ramp Access and Parking.....	341
Kalama Falls Hatchery Renovate Adult Handling Facilities .....	343
Marblemount Hatchery – Renovating Jordan Creek Intake.....	347
Lake Whatcom Hatchery – Replace Intake and Pipeline .....	350
Leque Island Highway 532 Road Protection.....	354
Preservation Cost Estimate Summary .....	355

**Programmatic Program Projects**

Minor Works – Programmatic.....	365
Wenas Target Shooting Range – Phase II .....	369
Central Washington Shooting Range .....	372
Eells Springs Hatchery Renovation.....	374
Clarks Creek Hatchery Rebuild.....	378
Deschutes Watershed Center .....	382
Spokane Region One Office.....	386
Swanson Lakes WLA – Land Acquisition and HQ Facility .....	390
Fish Habitat and Wildlife Replacement Lands – Land Acquisition .....	394
Construct Necropsy Laboratory .....	398
Migratory Waterfowl Habitat.....	401
Eells Springs Production Shift.....	404

**Grant Projects**

Mitigation Projects and Dedicated Funding .....	409
Mitchell Act Federal Grant .....	412
Lake Rufus Woods Fishing Access .....	414
PSNERP Match .....	417
Puget Sound and Adjacent Waters Nearshore Restoration - Match.....	422

**477 - Department of Fish and Wildlife  
Ten Year Fund Summary by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS011

Date Run: 9/14/2016 12:36PM

<u>Appropriated Funds \ Agency</u>			<u>Estimated Total</u>	<u>Prior and Current Expenditures</u>	<u>Reapprop 2017-19</u>	<u>New Approp 2017-19</u>	<u>Estimated 2019-21</u>	<u>Estimated 2021-23</u>	<u>Estimated 2023-25</u>	<u>Estimated 2025-27</u>
<b>Project Class: Preservation - State</b>										
057-1	State Bldg Constr	State	530,157,000	40,251,000	38,912,000	86,272,000	94,436,000	84,615,000	88,019,000	97,652,000
<b>Project Class: Preservation - State Total</b>			<b>530,157,000</b>	<b>40,251,000</b>	<b>38,912,000</b>	<b>86,272,000</b>	<b>94,436,000</b>	<b>84,615,000</b>	<b>88,019,000</b>	<b>97,652,000</b>
<b>Project Class: Preservation - Federal</b>										
001-2	General Fund	Federal	5,600,000	3,600,000		500,000	500,000	500,000	500,000	
<b>Project Class: Preservation - Federal Total</b>			<b>5,600,000</b>	<b>3,600,000</b>		<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	
<b>Project Class: Program - State</b>										
057-1	State Bldg Constr	State	79,945,000	11,349,000	16,207,000	41,667,000	4,973,000		5,749,000	
104-1	State Wildlife Accou	State	4,680,000	1,680,000		600,000	600,000	600,000	600,000	600,000
<b>Project Class: Program - State Total</b>			<b>84,625,000</b>	<b>13,029,000</b>	<b>16,207,000</b>	<b>42,267,000</b>	<b>5,573,000</b>	<b>600,000</b>	<b>6,349,000</b>	<b>600,000</b>
<b>Project Class: Grant - State</b>										
104-1	State Wildlife Accou	State	3,500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
<b>Project Class: Grant - State Total</b>			<b>3,500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>
<b>Project Class: Grant - Federal</b>										
001-2	General Fund	Federal	150,447,000	82,803,000	17,644,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
110-2	Spec Wildlife	Federal	6,079,000	79,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Project Class: Grant - Federal Total</b>			<b>156,526,000</b>	<b>82,882,000</b>	<b>18,644,000</b>	<b>11,000,000</b>	<b>11,000,000</b>	<b>11,000,000</b>	<b>11,000,000</b>	<b>11,000,000</b>
<b>Project Class: Grant - Private/Local</b>										
001-7	General Fund	Private/Local	9,516,000	3,166,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
110-7	Spec Wildlife	Private/Local	9,226,000	2,326,000	1,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Project Class: Grant - Private/Local Total</b>			<b>18,742,000</b>	<b>5,492,000</b>	<b>3,250,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>
<b>Project Class: Grant - Pass Through - State</b>										
057-1	State Bldg Constr	State	211,233,000	96,000	2,404,000	7,971,000	65,659,000	33,574,000	9,470,000	92,059,000
<b>Project Class: Grant - Pass Through - State Total</b>			<b>211,233,000</b>	<b>96,000</b>	<b>2,404,000</b>	<b>7,971,000</b>	<b>65,659,000</b>	<b>33,574,000</b>	<b>9,470,000</b>	<b>92,059,000</b>

**477 - Department of Fish and Wildlife  
Ten Year Fund Summary by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS011

Date Run: 9/14/2016 12:36PM

<u>Appropriated Funds \ Agency</u>	<u>Estimated Total</u>	<u>Prior and Current Expenditures</u>	<u>Reapprop 2017-19</u>	<u>New Approp 2017-19</u>	<u>Estimated 2019-21</u>	<u>Estimated 2021-23</u>	<u>Estimated 2023-25</u>	<u>Estimated 2025-27</u>
<b>Project Class: Grant - Pass Through - Federal</b>								
001-2 General Fund Federal	314,884,000		500,000	4,954,000	41,714,000	106,009,000	15,680,000	146,027,000
<b>Project Class: Grant - Pass Through - Federal Total</b>	<b>314,884,000</b>		<b>500,000</b>	<b>4,954,000</b>	<b>41,714,000</b>	<b>106,009,000</b>	<b>15,680,000</b>	<b>146,027,000</b>

**Agency Account Summary**

001-2	General Fund	Federal	470,931,000	86,403,000	18,144,000	15,454,000	52,214,000	116,509,000	26,180,000	156,027,000
001-7	General Fund	Private/Local	9,516,000	3,166,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
057-1	State Bldg Constr	State	821,335,000	51,696,000	57,523,000	135,910,000	165,068,000	118,189,000	103,238,000	189,711,000
104-1	State Wildlife Accou	State	8,180,000	2,180,000	500,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
110-2	Spec Wildlife	Federal	6,079,000	79,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
110-7	Spec Wildlife	Private/Local	9,226,000	2,326,000	1,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	<b>Version Total</b>		<b>1,325,267,000</b>	<b>145,850,000</b>	<b>80,417,000</b>	<b>155,464,000</b>	<b>221,382,000</b>	<b>238,798,000</b>	<b>133,518,000</b>	<b>349,838,000</b>

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>1</b>	<b>30000756 Minor Works Preservation</b>									
	057-1 State Bldg Constr-State	20,270,000				20,270,000				
<b>3</b>	<b>30000661 Soos Creek Hatchery Renovation</b>									
	057-1 State Bldg Constr-State	26,103,000		1,000	14,999,000	11,103,000				
<b>4</b>	<b>30000660 Wallace River Hatchery - Replace Intakes and Ponds</b>									
	057-1 State Bldg Constr-State	15,001,000				2,001,000	13,000,000			
<b>5</b>	<b>30000663 Spokane Hatchery Renovation</b>									
	057-1 State Bldg Constr-State	9,986,000				1,350,000	8,636,000			
<b>6</b>	<b>30000277 Minter Hatchery Intakes</b>									
	057-1 State Bldg Constr-State	8,917,000		105,000	145,000	6,500,000	2,167,000			
<b>7</b>	<b>30000671 Naselle Hatchery Renovation</b>									
	057-1 State Bldg Constr-State	23,948,000		132,000	143,000	8,000,000	11,725,000	3,948,000		
<b>8</b>	<b>30000481 Wooten Wildlife Area Improve Flood Plain</b>									
	001-2 General Fund-Federal	5,600,000		3,600,000		500,000	500,000	500,000	500,000	
	057-1 State Bldg Constr-State	21,584,000	478,000	422,000	1,600,000	6,000,000	4,446,000	4,418,000	4,220,000	
	<b>Project Total:</b>	<b>27,184,000</b>	<b>478,000</b>	<b>4,022,000</b>	<b>1,600,000</b>	<b>6,500,000</b>	<b>4,946,000</b>	<b>4,918,000</b>	<b>4,720,000</b>	
<b>10</b>	<b>30000844 Dungeness Hatchery - Replace Main Intake</b>									
	057-1 State Bldg Constr-State	3,536,000				3,536,000				
<b>12</b>	<b>30000276 Samish Hatchery Intakes</b>									
	057-1 State Bldg Constr-State	5,597,000		350,000	350,000	4,897,000				
<b>13</b>	<b>30000686 Hoodspport Hatchery Adult Pond Renovation</b>									

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>13</b>	<b>30000686 Hoodsport Hatchery Adult Pond Renovation</b>									
	057-1 State Bldg	5,456,000		450,000	250,000	4,756,000				
	Constr-State									
<b>15</b>	<b>30000827 Forks Creek Hatchery - Renovate Intake and Diversion</b>									
	057-1 State Bldg	2,425,000				2,425,000				
	Constr-State									
<b>16</b>	<b>30000826 Snow Creek Reconstruct Facility</b>									
	057-1 State Bldg	3,760,000				100,000	800,000	2,860,000		
	Constr-State									
<b>17</b>	<b>30000685 Fallert Creek Hatchery Renovation</b>									
	057-1 State Bldg	12,027,000				200,000	2,100,000	9,727,000		
	Constr-State									
<b>18</b>	<b>30000665 Hazard Fuel Reductions, Forest Health and Ecosystem Improvement</b>									
	057-1 State Bldg	59,934,000				11,934,000	12,000,000	12,000,000	12,000,000	12,000,000
	Constr-State									
<b>19</b>	<b>30000662 Cooperative Elk Damage Fencing</b>									
	057-1 State Bldg	1,200,000				1,200,000				
	Constr-State									
<b>20</b>	<b>30000847 Marblemount Hatchery Renovation</b>									
	057-1 State Bldg	4,866,000				1,000,000	3,866,000			
	Constr-State									
<b>21</b>	<b>30000848 Kalama Falls Hatchery Replace Raceways and PA System</b>									
	057-1 State Bldg	7,463,000				1,000,000	6,463,000			
	Constr-State									
<b>23</b>	<b>30000845 Washougal Hatchery - Rehab Adult Handling Facility</b>									
	057-1 State Bldg	5,079,000					5,079,000			
	Constr-State									
<b>24</b>	<b>30000668 Ringold Hatchery - Replace Pipelines</b>									
	057-1 State Bldg	1,642,000					1,642,000			
	Constr-State									
<b>25</b>	<b>30000828 Chelan Hatchery Renovation</b>									

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>25</b>	<b>30000828 Chelan Hatchery Renovation</b>									
	057-1 State Bldg	10,447,000					1,000,000	9,447,000		
	Constr-State									
<b>27</b>	<b>30000830 Hurd Creek - Relocate Facilities out of Floodplain</b>									
	057-1 State Bldg	6,649,000					2,000,000	4,649,000		
	Constr-State									
<b>28</b>	<b>30000831 Kendall Creek Hatchery - Replace Intake</b>									
	057-1 State Bldg	3,211,000					500,000	2,711,000		
	Constr-State									
<b>29</b>	<b>30000832 Naches Water Supply Development</b>									
	057-1 State Bldg	1,812,000					1,812,000			
	Constr-State									
<b>30</b>	<b>30000833 Ringold Hatchery - Replace Vinyl Raceways</b>									
	057-1 State Bldg	3,323,000					3,323,000			
	Constr-State									
<b>31</b>	<b>30000670 Ford Hatchery - Renovate Intake, Ponds, and Residences</b>									
	057-1 State Bldg	10,528,000					4,500,000	6,028,000		
	Constr-State									
<b>32</b>	<b>30000669 Elochoman Hatchery - Facility Abandonment</b>									
	057-1 State Bldg	1,001,000					1,001,000			
	Constr-State									
<b>33</b>	<b>30000720 Reiter Hatchery Replace Hogarty Diversion</b>									
	057-1 State Bldg	1,182,000					1,182,000			
	Constr-State									
<b>34</b>	<b>30000687 George Adams Hatchery - Replace Ponds and Raceways</b>									
	057-1 State Bldg	10,925,000					3,500,000	7,425,000		
	Constr-State									
<b>35</b>	<b>30000604 Issaquah Hatchery Replace Gravity Pipeline</b>									
	057-1 State Bldg	2,799,000						2,799,000		
	Constr-State									
<b>36</b>	<b>30000834 Nemah Hatchery - Bridge Replacement</b>									

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>36</b>	<b>30000834 Nemah Hatchery - Bridge Replacement</b>									
	057-1 State Bldg	1,194,000					1,194,000			
	Constr-State									
<b>37</b>	<b>30000674 Arlington Hatchery Renovation</b>									
	057-1 State Bldg	11,346,000					2,500,000	8,846,000		
	Constr-State									
<b>38</b>	<b>30000678 Columbia Basin Hatchery - Renovation</b>									
	057-1 State Bldg	9,525,000						2,200,000	7,325,000	
	Constr-State									
<b>39</b>	<b>30000835 Milltown Island Restoration - Phase 2</b>									
	057-1 State Bldg	4,500,000						1,125,000	3,375,000	
	Constr-State									
<b>40</b>	<b>30000843 Samish Hatchery - Friday Creek Intake &amp; Fish Passage</b>									
	057-1 State Bldg	3,983,000						900,000	3,083,000	
	Constr-State									
<b>41</b>	<b>30000675 Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains</b>									
	057-1 State Bldg	5,738,000						1,700,000	4,038,000	
	Constr-State									
<b>42</b>	<b>30000836 Chambers (Garrison) Creek - Fishway Repairs</b>									
	057-1 State Bldg	3,832,000						3,832,000		
	Constr-State									
<b>43</b>	<b>30000680 Beaver Creek Hatchery - Renovation</b>									
	057-1 State Bldg	19,400,000							5,000,000	14,400,000
	Constr-State									
<b>44</b>	<b>30000837 Driscoll Island Bridge</b>									
	057-1 State Bldg	4,546,000							4,546,000	
	Constr-State									
<b>45</b>	<b>30000684 North Toutle Hatchery Rebuild</b>									
	057-1 State Bldg	27,898,000							6,250,000	21,648,000
	Constr-State									
<b>46</b>	<b>30000688 Washougal Hatchery - Pond Replacement</b>									

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>46</b>	<b>30000688 Washougal Hatchery - Pond Replacement</b>									
	057-1 State Bldg	13,446,000							3,250,000	10,196,000
	Constr-State									
<b>47</b>	<b>30000679 Samish Hatchery - Adult Pond</b>									
	057-1 State Bldg	5,033,000							1,250,000	3,783,000
	Constr-State									
<b>48</b>	<b>30000838 Seattle Pier 86 Repair Fishing Pier</b>									
	057-1 State Bldg	4,149,000							4,149,000	
	Constr-State									
<b>49</b>	<b>30000839 Skamania Hatchery - Renovate Adult Trapping &amp; Spawning Facilities</b>									
	057-1 State Bldg	5,063,000							900,000	4,163,000
	Constr-State									
<b>50</b>	<b>30000689 Dungeness Hatchery Pond Renovation</b>									
	057-1 State Bldg	12,319,000							1,819,000	10,500,000
	Constr-State									
<b>51</b>	<b>30000600 Humptulips Hatchery Renovate Ponds</b>									
	057-1 State Bldg	4,268,000							4,268,000	
	Constr-State									
<b>54</b>	<b>30000841 Bingham Creek - Replace 5 Raceways</b>									
	057-1 State Bldg	2,105,000							2,105,000	
	Constr-State									
<b>55</b>	<b>30000672 Sol Duc Hatchery - Ponds Renovation</b>									
	057-1 State Bldg	11,204,000							11,204,000	
	Constr-State									
<b>56</b>	<b>30000721 Mayr Brothers Hatchery - Intake Replacement</b>									
	057-1 State Bldg	1,860,000							1,860,000	
	Constr-State									
<b>57</b>	<b>30000677 Nemah Hatchery - Intake and Pond Renovation</b>									
	057-1 State Bldg	7,377,000							7,377,000	
	Constr-State									
<b>58</b>	<b>30000842 Forks Creek Hatchery - Raceway Replacement and Supply Pipeline</b>									

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Preservation**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>58</b>	<b>30000842 Forks Creek Hatchery - Raceway Replacement and Supply Pipeline</b>									
	057-1 State Bldg	6,655,000								6,655,000
	Constr-State									
<b>59</b>	<b>30000681 Elwha Channel Hatchery Renovation</b>									
	057-1 State Bldg	14,307,000								14,307,000
	Constr-State									
<b>65</b>	<b>30000727 Minor Works Preservation</b>									
	057-1 State Bldg	9,230,000		6,770,000	2,460,000					
	Constr-State									
	104-1 State Wildlife	300,000		300,000						
	Accou-State									
	<b>Project Total:</b>	<b>9,530,000</b>		<b>7,070,000</b>	<b>2,460,000</b>					
<b>66</b>	<b>91000036 Hatchery Improvements</b>									
	057-1 State Bldg	34,775,000	22,035,000	2,230,000	10,510,000					
	Constr-State									
<b>67</b>	<b>91000044 Minor Works - Access Sites</b>									
	057-1 State Bldg	7,406,000	5,903,000	655,000	848,000					
	Constr-State									
<b>68</b>	<b>30000480 Kalama Falls Hatchery Renovate Adult Handling Facilities</b>									
	057-1 State Bldg	4,000,000		13,000	3,987,000					
	Constr-State									
<b>69</b>	<b>30000666 Marblemount Hatchery - Renovating Jordan Creek Intake</b>									
	057-1 State Bldg	2,293,000		193,000	2,100,000					
	Constr-State									
<b>70</b>	<b>30000667 Lake Whatcom Hatchery - Replace Intake and Pipeline</b>									
	057-1 State Bldg	1,354,000		154,000	1,200,000					
	Constr-State									
<b>72</b>	<b>92000019 Leque Island Highway 532 Road Protection</b>									
	057-1 State Bldg	680,000	290,000	70,000	320,000					
	Constr-State									
<b>Total: Preservation</b>		<b>536,057,000</b>	<b>28,706,000</b>	<b>15,445,000</b>	<b>38,912,000</b>	<b>86,772,000</b>	<b>94,936,000</b>	<b>85,115,000</b>	<b>88,519,000</b>	<b>97,652,000</b>

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Program**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>2</b>	<b>30000782 Minor Works - Programmatic</b>									
	057-1 State Bldg Constr-State	900,000				900,000				
<b>9</b>	<b>30000214 Eells Spring Hatchery Renovation</b>									
	057-1 State Bldg Constr-State	9,310,000		93,000	407,000	8,810,000				
	108-1 Motor Vehicle Accnt-State									
	<b>Project Total:</b>	<b>9,310,000</b>		<b>93,000</b>	<b>407,000</b>	<b>8,810,000</b>				
<b>11</b>	<b>92000038 Clarks Creek Hatchery Rebuild</b>									
	057-1 State Bldg Constr-State	15,067,000		1,500,000	3,500,000	10,067,000				
<b>14</b>	<b>20062008 Deschutes Watershed Center</b>									
	057-1 State Bldg Constr-State	37,436,000	3,542,000	2,204,000	9,800,000	21,890,000				
<b>22</b>	<b>20082008 Spokane Region One Office</b>									
	057-1 State Bldg Constr-State	6,463,000	1,890,000				4,573,000			
<b>26</b>	<b>30000829 Swanson Lakes WLA - Land Acquisition and HQ Facility</b>									
	057-1 State Bldg Constr-State	400,000					400,000			
<b>52</b>	<b>30000840 Fish Habitat and Wildlife Replacement Lands - Land Acquisition</b>									
	057-1 State Bldg Constr-State	4,278,000							4,278,000	
<b>53</b>	<b>30000639 Construct Necropsy Laboratory</b>									
	057-1 State Bldg Constr-State	1,471,000							1,471,000	
<b>60</b>	<b>20082045 Migratory Waterfowl Habitat</b>									
	104-1 State Wildlife Accou-State	4,680,000	1,080,000	600,000		600,000	600,000	600,000	600,000	600,000
<b>71</b>	<b>30000723 Eells Springs Production Shift</b>									
	057-1 State Bldg Constr-State	4,620,000		2,120,000	2,500,000					

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

<b>Total: Program</b>	<b>84,625,000</b>	<b>6,512,000</b>	<b>6,517,000</b>	<b>16,207,000</b>	<b>42,267,000</b>	<b>5,573,000</b>	<b>600,000</b>	<b>6,349,000</b>	<b>600,000</b>
-----------------------	-------------------	------------------	------------------	-------------------	-------------------	------------------	----------------	------------------	----------------

**Project Class: Grant**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>61</b>	<b>20082048 Mitigation Projects and Dedicated Funding</b>									
	001-2 General Fund-Federal	143,462,000	57,454,000	21,008,000	15,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
	001-7 General Fund-Private/Local	9,516,000	1,617,000	1,549,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	104-1 State Wildlife Accou-State	3,500,000		500,000	500,000	500,000	500,000	500,000	500,000	500,000
	110-2 Spec Wildlife-Federal	6,079,000	79,000		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	110-7 Spec Wildlife-Private/Local	9,226,000	2,226,000	100,000	1,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	<b>Project Total:</b>	<b>171,783,000</b>	<b>61,376,000</b>	<b>23,157,000</b>	<b>19,750,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>
<b>73</b>	<b>91000021 Mitchell Act Federal Grant</b>									
	001-2 General Fund-Federal	6,985,000	1,971,000	2,370,000	2,644,000					
	<b>Total: Grant</b>	<b>178,768,000</b>	<b>63,347,000</b>	<b>25,527,000</b>	<b>22,394,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>

**Project Class: Grant - Pass Through**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>62</b>	<b>91000151 Lake Rufus Woods Fishing Access</b>									
	057-1 State Bldg Constr-State	3,000,000		46,000	1,954,000	1,000,000				
<b>63</b>	<b>30000846 PSNERP Match</b>									
	001-2 General Fund-Federal	262,423,000				4,954,000	34,809,000	90,329,000		132,331,000
	057-1 State Bldg Constr-State	178,178,000				6,971,000	61,664,000	24,854,000	750,000	83,939,000

**477 - Department of Fish and Wildlife  
Ten Year Capital Plan by Project Class  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS001  
Date Run: 9/14/2016 11:54AM

**Project Class: Grant - Pass Through**

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>Project Total:</b>		<b>440,601,000</b>				<b>11,925,000</b>	<b>96,473,000</b>	<b>115,183,000</b>	<b>750,000</b>	<b>216,270,000</b>
<b>64</b>	<b>3000753 Puget Sound and Adjacent Waters Nearshore Restoration - Match</b>									
	001-2 General Fund-Federal	52,461,000			500,000		6,905,000	15,680,000	15,680,000	13,696,000
	057-1 State Bldg Constr-State	30,055,000		50,000	450,000		3,995,000	8,720,000	8,720,000	8,120,000
<b>Project Total:</b>		<b>82,516,000</b>		<b>50,000</b>	<b>950,000</b>		<b>10,900,000</b>	<b>24,400,000</b>	<b>24,400,000</b>	<b>21,816,000</b>
<b>Total: Grant - Pass Through</b>		<b>526,117,000</b>		<b>96,000</b>	<b>2,904,000</b>	<b>12,925,000</b>	<b>107,373,000</b>	<b>139,583,000</b>	<b>25,150,000</b>	<b>238,086,000</b>

**Total Account Summary**

Account-Expenditure Authority Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
001-2 General Fund-Federal	470,931,000	59,425,000	26,978,000	18,144,000	15,454,000	52,214,000	116,509,000	26,180,000	156,027,000
001-7 General Fund-Private/Local	9,516,000	1,617,000	1,549,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
057-1 State Bldg Constr-State	821,335,000	34,138,000	17,558,000	57,523,000	135,910,000	165,068,000	118,189,000	103,238,000	189,711,000
104-1 State Wildlife Accou-State	8,480,000	1,080,000	1,400,000	500,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
108-1 Motor Vehicle Accnt-State									
110-2 Spec Wildlife-Federal	6,079,000	79,000		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
110-7 Spec Wildlife-Private/Local	9,226,000	2,226,000	100,000	1,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Total</b>	<b>1,325,567,000</b>	<b>98,565,000</b>	<b>47,585,000</b>	<b>80,417,000</b>	<b>155,464,000</b>	<b>221,382,000</b>	<b>238,798,000</b>	<b>133,518,000</b>	<b>349,838,000</b>





Allyson Brooks Ph.D., Director  
State Historic Preservation Officer

September 15, 2016

Mr. Timothy Burns  
WA State Dept. of Fish and Wildlife  
600 Capitol Way N.  
Olympia, WA 98501

In future correspondence please refer to:

Project Tracking Code: 2016-09-06663

Property: Department of Fish & Wildlife Capital Budget Request for 2017-19 Biennium

Re: More Information Needed

Dear Mr. Burns:

Thank you for contacting the Washington State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced proposal. In response, Dr. Rob Whitlam that State Archaeologist, and I have reviewed the materials you provided for your program.

None of the projects proposed would qualify for exemptions from a Governor's Executive Order 05-05 (GEO 05-05) review. Therefore, we look forward to further consultation with the Department of Fish & Wildlife (WDFW) as each of these projects becomes obligated with funding from the Legislature. The WDFW staff Archaeologist should be encouraged to review these projects during the planning phase to assess the potential for impacts to both above- and below-ground cultural resources.

We appreciate receiving copies of any correspondence or comments from concerned tribes and other parties that you receive as you consult under the requirements of GEO 05-05. These comments are based on the information provided by the WDFW Archaeologist at the time of this review on behalf of the SHPO. It is a pleasure working with your staff.

Thank you for the opportunity to review and comment. Should you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Russell Holter'.

Russell Holter  
Project Compliance Reviewer  
(360) 586-3533  
russell.holter@dahp.wa.gov





**477 - Department of Fish and Wildlife  
Capital FTE Summary  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS004  
Date Run: 9/14/2016 11:59AM

**FTEs by Job Classification**

<u>Job Class</u>	Authorized Budget			
	2015-17 Biennium		2017-19 Biennium	
	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
Admin Assistant 3			2.0	2.0
Admin Assistant 4			0.5	0.5
Carpenter			4.0	4.0
Const & Maint Supervisor			9.0	9.0
Const & Maint Supt 3			1.0	1.0
Const Maint Supt 2			1.0	1.0
Construction Project Coordinator 1			5.0	5.0
Construction Project Coordinator 2			4.0	4.0
Construction Project Coordinator 3			1.0	1.0
Contracts Specialist 3			2.0	2.0
Electrical Const Inspector			1.0	1.0
Electrical Supervisor			0.5	0.5
Electrician			1.0	1.0
Electronics Technician 1			1.0	1.0
Engineer Aide 1			0.5	0.5
Engineer Aide 2			2.0	2.0
Engineer Aide 3			3.0	3.0
Engineer Tech Supervisor			1.0	1.0
Environmental Engineer 2			3.0	3.0
Environmental Engineer 3			2.0	2.0
Environmental Engineer 5			2.0	2.0
Environmental Engineer 6			1.0	1.0
Equipment Tech 3			1.0	1.0
Financial Analyst 3			1.0	1.0
Fish & Wildlife Biologist 3			4.0	4.0
Heavy Equipment Operator			11.0	11.0
Heavy Equipment Operator Supervisor			1.0	1.0
Land Surveyor 2			1.0	1.0
Land Surveyor 3			1.0	1.0
Land Surveyor Wildlife			1.0	1.0
Maintenance Mechanic 1			5.0	5.0
Maintenance Mechanic 2			7.0	7.0
Management Analyst 2			1.0	1.0
Office Assistant III			0.5	0.5
Property & Acquisition Specialist 3			4.0	4.0
Property Acquisition Specialist 5			1.0	1.0
Property Acquisition Specialist 6			3.5	3.5
Utility Worker 1			3.0	3.0
Welder			7.0	7.0
<b>Total FTEs</b>			<b>100.5</b>	<b>100.5</b>

**477 - Department of Fish and Wildlife  
Capital FTE Summary  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS004  
Date Run: 9/14/2016 11:59AM

<b>Account</b>	<b>Authorized Budget</b>			
	<b>2015-17 Biennium</b>		<b>2017-19 Biennium</b>	
	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018</u></b>	<b><u>FY 2019</u></b>
<b><u>Account - Expenditure Authority Type</u></b>				
001-2 General Fund-Federal			500,000	500,000
001-7 General Fund-Private/Local			100,000	100,000
057-1 State Bldg Constr-State			10,000,000	10,000,000
<b>Total Funding</b>			<b>10,600,000</b>	<b>10,600,000</b>

**Narrative**

Changes reflect the current and future needs of the Department to implement the capital program. Once the budget has passed, FTE and funding amounts may change to accommodate funding levels.

# Backlog Reduction Plan

Title	Cost	In Request
[Location] Lake Screening Regions 4 & 6	200,000	
4-O Ranch Autry Campground	325,000	
4-O Ranch McNeil Campground	125,000	
Arlington Hatchery Renovation	11,346,000	x
Arlington Hatchery, Repairs to Ponds and Water Supply	200,000	x
Armstrong Lake Access Ramp	300,000	
Armstrong Lake Access Replace Toilets	64,000	
Asphalt pond repair Bingham	950,000	
Asphalt pond repair Coulter	850,000	
Badger Lake Access Double Ramp	300,000	
Barbers Restroom	55,000	
Barker Canyon Access Ramp	240,000	
Bear Creek 1 Access Replace Toilets	50,000	
Bear Creek 2 Access Replace Toilets	64,000	
Bear Creek Access - Remove Pedestrian Bridge	125,000	
Beaver Creek Hatchery - Renovation to transition production from Grays River and decommission	19,400,000	x
Beaver Lake Access Replace Toilets	50,000	
Beaver Lake Dam Water Intake	150,000	
Beginner's Hole Access Site Repairs	80,000	x
Bingham Creek - Replace 5 Raceways	2,105,000	x
Blue Lake Access Improvements	300,000	
Blue Mountains Odom RMAP - New Acquisitions	150,000	x
Blythe Access Replace Ramp	300,000	
Boat Plank Manufacture and Ramp Replacement	300,000	x
Bob Oke Game Farm Security Fence	75,000	
Bob Oke Public Access to Public Land	100,000	
Boulder Creek Access Replace Toilets	50,000	
Buckshot Access Ramp	300,000	
Building debris removal	125,000	
Burke East Access Replace Ramp	300,000	
Burke Lake West Access Ramp	300,000	
Buzzard Lake Campground ADA Toilet and Parking	50,000	
Caldwell Lake Access Replace Toilets	50,000	
Canal Access Ramp	300,000	
Capitol Way - Replace Radiators & AC Units w/Ductwork & Modify Furnance	1,500,000	
Central Washington Shooting Range	500,000	x
Chambers (Garrison) Creek - Fishway Repairs	3,832,000	x
Chehalis River Grays Harbor County Access Replace Ramp, Vault Toilet, and Parking	300,000	
Chehalis Wildlife Area Replace Failing Culverts	325,000	
Chelan Hatchery Renovation	10,447,000	x
Chelan Wildlife Area Butte Building Removal HazMat Cleanup	360,000	
Chelan WLA Swakane Unit - Replace Machine Workshop	220,000	x
Chemical Storage Facilities, Statewide Hatcheries	900,000	x
Chesaw Wildlife Area Retaining Wall and Concrete Steps	85,000	
Chiliwist Irrigation Structures Reno	343,000	
Chiliwist WA Road Renovation	165,000	
Chiliwist Wildlife Area Fence Renovation	245,000	
Chilliwist Access Replace Toilets	50,000	
Colockum Gate Installation	25,000	

colockum RMAP	650,000	
Colockum Shop Replacement	250,000	
Colockum Stemilt RMAP 15-17 & road improvement	650,000	
Columbia Basin Hatchery - Raceway Replacement	19,778,000	
Construct Armory, Lathrop Road Facility	300,000	x
Construct Necropsy Laboratory	1,085,000	
Cooperative Damage Fencing	250,000	
Cooperative Elk & Deer Fencing - Statewide	6,000,000	x
Cooperative Elk Damage Fencing	1,200,000	
Cottonwood Island (Spud House) Boat Ramp	300,000	
Cougar Lake Access Replace Toilets	50,000	
Covered Storage Building	200,000	
Cowlitz Wildlife Area Peterman Hill Mainline Road Construction	325,000	
Crab Creek Access - Remove Pedestrian Bridge (2)	45,000	
Crescent Lake Bridge	350,000	
Dam Safety Repairs	200,000	x
Davis Creek Koopmans Parking Access Development	185,000	
Davis Lake Access Replace Toilets	50,000	
Dead Canyon Haul Road RMAP	300,000	x
Debay Slough Loop Trail	65,000	
Deep Access Design & Development	350,000	
Deep Lake Access Replace Toilets	50,000	
Deep Lake Access Single Ramp	75,000	
Deer Lake Access Single Ramp	300,000	
Deer Lake Dam Repair	450,000	
Deer Lake Region 1	250,000	
Deschutes Watershed Center	21,890,000	x
Desert WLA Building Removal	55,000	
Driscoll Island Bridge	4,546,000	x
Dry Falls Lake	75,000	
Dryden Wenatchee River Access Ramp, Parking and Gates	300,000	
Duckabush River Access Toilet	50,000	
Dungeness Hatchery - Hatchery Renovations	12,319,000	x
Dungeness Hatchery - Replace Main Intake	3,536,000	x
Ebey Island Access Bridge	650,000	
Edar Unit Access Parking and Gates	175,000	
Eells Springs Renovation	9,310,000	x
Electrical and Standby Generator	750,000	x
Eli Lake Access Toilet	64,000	
Elochoman Hatchery - Facility Abandonment	1,000,000	
Elwha Hatchery - Renovation	14,307,000	x
Equipment Storage Building Replacement	500,000	
Equipment Storage Buildings (2), Scotch Creek Wildlife Area	250,000	
EV Charging Stations - Spokane, Yakima, Ephrata, Mill Creek, Montesano & Lacey	200,000	
Evergreen East Access Ramp	300,000	
Evergreen North Access Ramp	300,000	
Exterior Repairs to Statewide Facilities	300,000	x
Facility Safety Deficiencies	500,000	x
Fallert Creek Hatchery - Replace Intakes and Ponds	12,313,000	
Fish Culture Improvements	900,000	x
Fish, Habitat and Wildlife Replacement Lands - Land Acquisition	4,278,000	x
Fishtrap Lake Access Replace Toilets	50,000	
Fitzsimmons Access Toilet Replacement (1)	50,000	
Ford Hatchery - Renovate Intake, Ponds and Outfall	10,528,000	x

Forde Lake Access Toilets	64,000	
Forest Health - Hazard Fuel Reduction	59,670,000	x
Forks Creek Hatchery - Raceway Replacement and supply pipeline	6,655,000	x
Forks Creek Hatchery - Renovate Intake and Diversion	2,425,000	x
Friday Creek Diversion	1,600,000	
Garrison Springs Hatchery Renovate Fishway	850,000	
General Energy Efficiency Improvements	600,000	x
George Adams Hatchery - Replace Adult Ponds and Raceways	10,925,000	x
Glen Williams Access Ramp	300,000	
Goldendale Hatchery - Raceway and Pipeline Replacement	5,292,000	
Goldendale Hatchery Replace Pipeline	200,000	x
Goss Lake Boat Ramp	300,000	
Hand Access Ramp	300,000	
Harris Creek Bridge	325,000	
Harts Lake Access Replace Toilets	50,000	
Hatch Lake Access Replace Toilets	50,000	
Hatchery access & onsite road upgrade	500,000	
Haven Lake Roughened Channel	200,000	x
Haven Lake screen	350,000	
Heart Access Ramp	300,000	
Herbicide Storage Building	265,000	
Hoodsport Hatchery - Adult Pond Renovation	5,456,000	x
Horseshoe Lake Access Replace Vault Toilets	80,000	
Hovander Boat Ramp (Ferndale)	300,000	
Humptulips Hatchery - Replace Ponds	11,986,000	
Hupp Springs Hatchery Renovate Intake Diversion	300,000	
Hurd Creek - Relocate Facilities out of Floodplain	6,649,000	x
Hurd Creek Relocate 2 Wells	250,000	x
Install Energy Efficient Exterior Lighting, Statewide Facilities	250,000	x
Issaquah Hatchery Gravity Pipeline Replacement	1,960,000	
Joe Watt - Finish Chain-link Security Fence	125,000	
John's River Access Ramp Parking Area Resurface	500,000	
Johns River WLA - Remove Pedestrian Bridge (7)	35,000	
Johns River WLA - Repairs to ADA trail and Loading Area	350,000	x
Joseph Creek WA School House Access	185,000	
Jump Off Joe Lake Access Replace Toilets	50,000	
Kalama Falls Hatchery - Renovate Fish Passage Barrier	200,000	x
Kalama Falls Hatchery - Renovate Intakes	150,000	x
Kalama Falls Hatchery - Replace Raceways and PA System	7,463,000	x
Kendall Creek Hatchery - Replace Intake	3,211,000	x
Lacey Construction Shop Facility Upgrades	250,000	x
Lacey Shop - Electrical Replacement & Upgrade	125,000	
Lacey Shop - Energy Efficiency Upgrades	75,000	
Lake Aberdeen Replace T-Dock	160,000	x
Lake Campbell Access Parking and Gates	85,000	
Lake Campbell Access Replace Ramp and toilet	120,000	
Lake Cavanaugh Outlet Dam	875,000	
Lake Serene Access Ramp	300,000	
Lake Serene Access Replace Toilets	50,000	
Lake Sixteen Access Replace Toilets	50,000	
Lake St. Clair Access Ramp	300,000	
Lake Stickney Toilet Replacement	30,000	
Lake Tahuya Access Development	350,000	
Lake Terrell Access Improve Car-top Ramp	300,000	

Lake Terrell HQ Equipment Parking	250,000	
Lake Terrell Wildlife Area HQ Painting	85,000	
Lawrence Lake Access ADA Toilet Replacements (2)	64,000	
Leidl South Access Ramp	300,000	
Lewis River Hatchery Colvin Creek Dam Removal	900,000	
Lind Coulee Access Ramp	300,000	
Lone Lake Boat Ramp	300,000	
Long Lake Access Redevelopment	225,000	x
Long Lake Boat Launch Extension	125,000	
Long Lake Toilet	6,200	
Loon Lake Access Single Ramp	125,000	
Lower Kalama - Replace Vehicle Bridge	550,000	
LT Murray/Wenas RMAP - New Acquisitions	200,000	
Luhr's Landing Access Repair Fishing Pier and Boat Launch	650,000	
Major electrical upgrade at Naselle Hatchery	325,000	
Marblemount Hatchery - Renovation	4,866,000	x
Marshall Lake Access Replace Toilets	50,000	
Martha Lake Access Replace Toilets	50,000	
Martin Access Boat Ramp	350,000	
Mayr Brothers Hatchery - Intake Replacement	-	
Mayr Brothers Hatchery - Replace Intake and Renovate Fishway	1,860,000	x
Mayr Brothers Renovate Fishway	375,000	
McDonald Road Access Dike Setback and Riparian Restoration	850,000	
McFarland Creek Toilet Replacement	50,000	
Methow Irrigation Efficiencies to Increase Habitat and Instream Flow	200,000	
Methow Wildlife Area - Baily Hill Parking Area and Primitive Road Development	100,000	
Methow Wildlife Area Boulder Creek and Chewuch River Campgrounds	650,000	
Methow Wildlife Area Wolf Canyon Fencing	655,000	
Methow WLA Fencing	745,000	
Methow WLA - Renovations to Storage Barn	105,000	x
Methow WLA - Replace HQ Office	245,000	x
Milltown Island Restoration, Phase 2	4,500,000	x
Minor Works Preservation	101,090,000	x
Minor Works Programmatic	5,000,000	x
Minter Creek Hatchery - Replace Intake	8,188,000	
Morgan Marsh RMAP	75,000	x
Morgan's Marsh Parking Area Development	85,000	
Mt. St Helens Wildlife Area DOT Site Restoration	275,000	
Mt. St. Helens Wildlife Area Bank Stabilization	450,000	x
Mt. St. Helens Wildlife Area Road Improvement	75,000	x
Mud Lake Access Parking and Gates	135,000	
Naches Hatchery ponds upgrade	500,000	
Naches Water Supply Development	1,812,000	x
Naselle Hatchery Renovation	23,673,000	x
Native Seed Production – Infrastructure and Equipment (Okanogan Lands Complex)	45,000	
Nemah Hatchery - Bridge Replacement	1,194,000	x
Nemah Hatchery -Facility Upgrade	7,377,000	x
Nemah Hatchery Renovate Intake Diversion	850,000	
Nooksack Unit Tennant Creek Ford	100,000	
North Lake Access Replace Toilets	50,000	
North Moses Access Ramp	300,000	
North Olympic Wildlife Area, Discovery Bay Tributary Fish Passage	675,000	
North Toutle Hatchery - Renovation	25,914,000	
Oak Creek - Cowiche Elk Fence 3 miles	600,000	

Oak Creek - Residence Energy Efficiency Upgrade	65,000	
Oak Creek - Road Renovation Project	450,000	
Oak Creek - Visitor Center and Viewing Area Improvement	275,000	
Oak Creek RMAP	200,000	
Oak Creek WA - Irrigation Efficiencies	245,000	
Oak Creek WLA - Repairs to Junction Road and Elk Fencing	75,000	x
Oak Creek WLA - Upgrades to Cowiche Road Bridge and Roadway	145,000	x
Okanogan Irrigation	125,000	
Old Vantage Access Ramp	300,000	
Olympic - willapa hills wildlife area complex headquarters pole bulidings	150,000	
Omak Hatchery Storage Bldg	120,000	x
Palix River	300,000	
Panther Lake Access Replace Toilets	64,000	
Pateros Unit Boundary Fence Replacement	750,000	
Pattison Lake	450,000	
Penn Cove Access Replace Toilets	50,000	
Plums 1 Access Replace Toilets	50,000	
Point Whitney Access Site Improvements	550,000	x
Pond 3 Replace Vault Toilet	64,000	
Ponds 1 & 2 Access Replace Vault Toilets	80,000	
Private Timber Access	35,000	
Puget Island Access Toilet & Parking	50,000	
Pumps and Alarms	750,000	x
Puyallup (Clarks Creek) Hatchery Renovation	10,067,000	x
Quincy Lake Access Ramp	300,000	
Rapjohn Lake Access Replace Toilets	50,000	
Region 1 Office - Construct Secure Storage Compound	4,573,000	x
Region 2 HQ - Exterior Paint, Interior Paint & Carpet Replacement	235,000	
Region 4 Bathroom Replacement Access	450,000	
Region 4 HQ - Restoration & Preservation	350,000	
Region 4 toilet replacement	50,000	
Region 6 - Vehicle/Vessel Wash Station	65,000	
Region 6 HQ - Secured Parking Expansion	80,000	
Reiter Ponds Hatchery - Replace Intake and Piping	1,542,000	
Replace existing round ponds with fiberglass at Chelan Hatchery	850,000	
Replace Pump house Willapa Bay Lab	80,000	x
Replace Washburn Island Center Pivot Irrigation System	165,000	
Residence Upgrades	350,000	
Ringold Hatchery - Replace Pipeline	1,378,000	
Ringold Hatchery - Replace Vinyl Raceways	3,323,000	x
Riverside Access Replace Vault Toilets	80,000	
Rock Creek Unit Trail Renovation	45,000	
Roof Replacements	300,000	x
Round Lake Boat Launch Improvement	300,000	
Round Lake Toilet 09-421	9,635	
Rowland Lake Access Replace Ramp	300,000	
Sacheen Lake Access Improvements	500,000	
Sagebrush Flat Wildlife Area Boundary Fence	275,000	
Samish Hatchery - Adult Pond Renovation	4,783,000	x
Samish Hatchery - Friday Creek Intake & Fish Passage	3,983,000	x
Samish Hatchery Fish Passage and Intake Replacement	4,897,000	x
Samish River Unit Access Facilities	300,000	
Satterland Road Access Gate	25,000	
Scatter Creek WLA Unit - Secure Compound w/ Workshop and Covered Equipment Storage	350,000	x

Schumaker / Snyder Access Redevelopment	270,000	x
Scotch Creek Bunkhouse Interior Finish, exterior repairs and paint	125,000	
Scotch Creek Wildlife Area Building Removal	15,000	
Scotch Creek Wildlife Area Correct Diversion	65,000	
Scotch Creek Wildlife Area Headquarters Residence HVAC	45,000	
Scotch Creek Wildlife Area Irrigation Efficiencies	65,000	
Scotch Creek Wildlife Area Wetland Control Structure	125,000	
Seattle Pier 86 Repair Fishing Pier	2,250,000	x
Seep Lakes Road Reconstruction (Adams County)	245,000	
Shady Lake Access Replace Toilets	50,000	
Sherman Cr WLA Replace Diversion	150,000	
Sherman Creek Irrigation Diversion Improvements	175,000	x
Shillapoo Wildlife Area Viewing Site	217,000	
Sign Replacement and Kiosks	475,000	
Sinclair Island	300,000	
Sinlahekin Creek Diversion and Channel Rechannelization Project	250,000	
Sinlahekin Headquarters Electrical Service Upgrades and Internet Service Extension	125,000	
Sinlahekin WA Road Renovation	325,000	
Sinlahekin Weed Wash Station	125,000	
Sinlahekin Wildlife Area Access Ramp	300,000	
Sinlahekin Wildlife Area Building Removal	85,000	
Sinlahekin Wildlife Area Correct Diversion	125,000	
Sinlahekin Wildlife Area Fence Removal, Construction and/or Repair	625,000	
Sinlahekin Wildlife Area Irrigation Renovation	65,000	
Sinlahekin Wildlife Area Renovate Wildlife Viewing Blinds	45,000	
Sinlahekin Wildlife Area Sinlahekin Creek Campground Access Road	115,000	
Sinlahekin Wildlife Area Trails Renovation	90,000	
Sinlahekin WLA - Renovations to Woodshop	65,000	x
Skagit Island Unit - Wetland Enhancements	475,000	
Skagit River Hamilton Access Ramp	300,000	
Skagit River Pressentin Creek Access Ramp	300,000	
Skagit WA and North Sound Weed Crew Shop	65,000	
Skagit WA Island Unit Tidegate Replacement	250,000	
Skagit WA Residence Repairs	80,000	
Skagit Wildlife Area Dike and Drainage Safety Repairs(bestguess)	400,000	x
Skagit Wildlife Area Headquarters Wiley Slough Boat Launch Rebuild	650,000	
Skagit Wildlife Area Replace Office	250,000	
Skagit Wiley Slough Spur Dike Safety Repair	250,000	x
Skamania Hatchery - Renovate Adult Trapping, Holding & Spawning Facilities	5,063,000	x
Smith Creek Access Ramp	300,000	
Smyrna Access - Remove Pedestrian Bridge	25,000	
Snoqualmie River High Bridge Access Ramp	300,000	
Snoqualmie wildlife area - crescent lake bridge	350,000	
Snoqualmie Wildlife Area Barn Replacement	200,000	x
Snoqualmie Wildlife Area Ebey Island Parking Access Development	250,000	
Snow Creek Reconstruct Facility	3,760,000	x
Snow Creek Resort - Replace Mooring Buoys	80,000	x
Snyder Bar Toilet	50,000	
Sol Duc Hatchery - Ponds Renovation	9,700,000	
Sol Duc hatchery public fishing access	175,000	
Soos Creek Hatchery - Construct Phase II	11,103,000	x
South Puget Sound WLA Unit - Secure Compound w/ Covered Equipment Storage and Workshop	650,000	x
Spears Bridge - Remove Vehicle Bridge	65,000	
Speelyai Provide standby to on station residences	85,000	

Spokane Hatchery Renovation	9,204,000	x
Spring Lake Access Replace Toilets	50,000	
Squalicum Lake Access Replace Toilets	50,000	
Stan Coffin Access Ramp	300,000	
Statewide Bridge Repairs	525,000	x
Statewide Fish Barrier Repairs	300,000	x
Statewide Residence Repairs	500,000	x
Statewide toilet replacement	500,000	
Stinson Flats Access Site - Rebuild Damaged Boat Ramp	110,000	x
Storm Lake Access Replace Toilets	64,000	
Sullivan Pond Dam Repair	450,000	
Sunnyside WA Irrigation Efficiencies	65,000	x
Sunnyside WA Irrigation Efficiencies Mesa, Ruply, Snipes	675,000	
Swanson Lakes WLA - Land Acquisition and HQ Facility	400,000	x
Tanwax Lake Access Replace Toilets	50,000	
Tennant Lake Wildlife Area Interpretive Center Improvements	345,000	
Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains	6,844,000	x
Underground Storage Tank Remediation	250,000	x
Upper Goose Access Ramp	300,000	
Volger Lake Access Replace Toilets	50,000	
W Medical Lake Access 2 Separate Single Ramps	300,000	
W Medical Lake Access Replace Toilets	50,000	
Wallace River Hatchery - Replace Intakes and Ponds	15,001,000	x
Ward Lake	300,000	
Ward Lake - Access Site Improvements	100,000	x
Washburn Island - Replace Center Pivot Irrigation System	85,000	x
Washougal Hatchery - Rehab Adult Handling Facility	5,079,000	x
Washougal Hatchery - Replace Raceways and Pipeline	13,400,000	
Water Right Compliance/ flow meters	300,000	x
Water supply line repair - Statewide	850,000	x
Wells WA - Irrigation Efficiencies	125,000	
Wells WA Replace Vault Toilets	80,000	
Wells Wildlife Area - Phase 1 Central Ferry Boundary Fence	375,000	
Wells Wildlife Area Central Ferry Canyon Building Removals	75,000	
Wells Wildlife Area Entiat Fence Construction	450,000	
Wells WLA - Repairs to Workshop	55,000	x
Wenas Elk Fence Rebuild	350,000	
Wenas Road Improvements	55,000	x
Wenas Target shooting range - Phase II	400,000	x
Wenas WA -Irrigation Efficiencies (Mtn Vale and McCabe)	65,000	
Wenas Wildlife Area Office paid 75% by BPA	240,000	
West Branch Little Spokane Boundary Fence	843,000	
West Branch Little Spokane WLA South Parking Lot	65,000	
West Rocky Prairie WLA Unit - Beaver Creek Culvert Replacement	150,000	x
Western WA Flood Reduction(region 6 screens)	350,000	x
Whatcom Wildlife Area Access ADA Archery Range Access Parking and Gates	55,000	
Whiskey Dick Wildlife Area Road Renovation	125,000	
Williams Lake Access Replace Toilets	50,000	
Wind River Foot Bridge - Replace Pedestrian Bridge	650,000	
Windmill Access Ramp	300,000	
Wiser Lake Access Replace Toilets	50,000	
Wooten Wildlife Area - Improve Flood Plain	19,557,000	x
Yakima Shop - Covered Storage Building & Asphalt	250,000	
Yakima Shop - Heating Sys & Repaint Exterior w/repair	150,000	



**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

## Description

Starting Fiscal Year: 2018

Agency Priority: 1

### Project Summary

The Department requests funds to replace and repair structures and infrastructure critical to protecting state assets, preventing lawsuits and fines, reducing the deferred maintenance backlog.

### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

The Department requests funds to repair or replace failing structures or infrastructures critical to keeping facilities operational and for protection of staff, the public, and the environment. This category also includes projects necessary to meet legal mandates such as correcting fish passage barriers and Forest Practices Act barriers and roads. Other projects will provide hunting, commercial, Treaty Tribal, and recreational fishing and other recreational opportunities that benefit the general public such as improving access areas, bridges, and roads and increasing revenue to the local economies, especially rural communities.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

These projects will repair infrastructure critical to operations and may protect the public and staff from hazardous structures, prevent fish loss, reduce the negative impacts to the environment, and prevent facility closures. Included in his request are Hatchery Scientific Review Group's (HSRG) recommendations imperative to reduce the negative effects hatchery operations can have on wild fish populations. Other projects will allow the Department to comply with state laws through mitigating fish passage and RMAP issues.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

The Department relies heavily on its infrastructure and structures to provide critical services benefiting the public and the environment. These assets are decaying and failing and need to be repaired or replace. Included in this category are projects that are legally mandated and need to be renovated or repaired to comply with federal and state laws such as Clean Water Act, Road Maintenance and Abandonment Plan (RMAP) and fish passage barrier removals.

Other projects include renovating or repairing current assets which directly benefit the public and the environment. These projects, such as recreational access improvements and hatchery infrastructure improvements enable the Department to provide valuable services by improving recreational, hunting and fishing opportunities and results in increase revenue to the local economies. These projects also reduce the backlog reduction plan. Also included within this list of projects are Hatchery Scientific Review Group (HSRG) projects which increase protection to ESA listed fish.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

These projects will improve services to the Department's clients. The public who uses the Department's recreational areas will see improved ramps, bathroom facilities, bridges, dams, and roads; which in some cases are unusable or unsafe.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? No

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? No

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000756

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

### Description

This project supports the following Statewide Results:

#### **Improve the health of Washingtonians**

These projects help improve the environment by improving the discharge of water into the rivers of Washington state. Some of these projects will also provide safe working conditions for Department's employees. These projects also protect the public who visit or live near our facilities.

#### **Improve the quality of Washington's natural resources**

This project will protect the natural resources by protecting fish and wildlife, and their habitats. This project will also preserve, maintain and restore natural systems and landscapes.

#### **Improve the economic vitality of businesses and individuals**

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting sustainable fishing and hunting opportunities. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish and wildlife populations for the residents in Washington State for socioeconomic benefits.

#### **Improve the safety of people and property**

This project will prevent accidents and prepare the Department in case of an emergency. This project could also prevent human and wildlife conflict making highways safer and protecting Washington State's resources. By improving and repairing infrastructures and structures, the Department will preserve and protect existing state property.

#### **Improve the cultural and recreational opportunities throughout the state**

Through its hunting and wildlife viewing opportunities, the Department can provide stewardship of cultural and recreational assets while ensuring awareness and quality opportunities to hunt and view wildlife. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish and wildlife populations for the residents in Washington State for socioeconomic benefits.

Goal 1: Conserve and protect native fish and wildlife

Objectives:

- A. The ecological integrity of critical habitat and ecological systems is protected and restored.
- B. Washington's fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.
- C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.

Objectives:

- A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.
- B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.
- C. Tribal treaty coordination and implementation is achieved with adequate resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care

Objectives:

- A. Conservation of fish and wildlife is widely supported by communities across Washington.
- B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.
- C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.
- D. The Department responds to citizens and customers' needs in a timely and effective way.

Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objectives:

- C. Achieve operational excellence through effective business processes, workload management, and investments in

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**Description**

technology.  
D. Work environments are safe, highly functional, and cost-effective.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions N/A

9. Is there additional information you would like decision makers to know when evaluating this request? No

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,270,000				20,270,000
	<b>Total</b>	<b>20,270,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,270,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 3000757

SubProject Title: Facility Safety Deficiencies

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000757

SubProject Title: Facility Safety Deficiencies

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW requests funding to correct safety deficiencies at Hatcheries and Wildlife Areas statewide. There are many safety issues at WDFW sites that are risks for employees and citizens.

**Project Description**

There are many safety issues at WDFW sites that are risks for employees and citizens. If funded, the Department would begin working down the following list of corrections:

- George Adams Hatchery - Upper intake fencing
- Mckernan Hatchery - Emergency lighting
- Washougal Hatchery - Tagging trailer electrical
- Humtulpis Hatchery - Intake lighting
- Wallace River Hatchery - Stair replacement
- Ringold Hatchery - Exhaust fans
- Washougal Hatchery - Safety lighting
- Kalama Falls Hatchery - Domestic water system
- Omak Hatchery - Planting tank lift station
- Chelan Hatchery - Hatchery building stairs
- Bingham Creek Hatchery - Safety lighting
- Hurd Creek Hatchery - Safety lighting
- Hoodsport Hatchery - Fencing at residence
- Voights Creek Hatchery - Railing for lower end of standard ponds
- Regional Offices Lighing - Statewide

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000757

SubProject Title: Facility Safety Deficiencies

SubProject Class: Preservation

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000758

SubProject Title: Pumps and Alarms

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000758

SubProject Title: Pumps and Alarms

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

This project will repair or replace alarms and pumps as necessary throughout the Department's facilities and hatcheries statewide. Pumps provide fresh water to fish, which is critical for their survival. Alarms notify hatchery staff if there is an emergency at the facility that would lead to fish loss.

#### Project Description

##### What is the project?

This project will repair or replace alarms and pumps as necessary throughout the Department's facilities and hatcheries statewide. Work will start with the following listed hatcheries

##### Why is the project necessary?

Pumps provide fresh water to fish. Alarms notify staff if there is an emergency with pumps, power or water used by the hatchery infrastructure. These projects are critical to protect fish and infrastructure.

##### List of Hatcheries:

Samish Hatchery Intake - Pumps  
 Humptulips Hatchery - Well / New pump  
 Humptulips Hatchery - Production pumps  
 Naselle Hatchery - Production pumps  
 Hurd Creek Hatchery - Move 2 wells  
 Bingham Creek Hatchery - Rehab well  
 Sol Duc Hatchery - Pump and compressor  
 Marblemount Hatchery - Pump and compressor

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

Facility Preservation (Minor Works)  
 Health, Safety and Code Requirements (Minor Works)  
 Infrastructure Preservation (Minor Works)

#### Growth Management impacts

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000758

SubProject Title: Pumps and Alarms

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	750,000				750,000
	<b>Total</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000759

SubProject Title: Electrical and Standby Generator

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000759

SubProject Title: Electrical and Standby Generator

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

This project will replace Department generators and upgrade electrical systems statewide. The systems are aged and need new updated electrical switches and electrical components. Generators are critical to keep pumps running during power outages. Without backup power from generators, pumps will stop running resulting in fish loss.

**Project Description**

**What is the project?**

If funded, the Department will replace electrical systems and generators statewide, starting with the following list:

**Why is the project necessary?**

These aged systems need new updated electrical switches and electrical components. Generators are critical to keep pumps running during power outages. Without backup power from generators, water will stop pumping into the hatcheries resulting in fish loss.

List of Hatcheries and Wildlife Areas:

- Sinlahekin Wildlife Area - Generator and Electrical
- Tokul Creek Hatchery - Electrical and Panels
- Washougal Hatchery - Generator
- Fallert Creek Hatchery - Generator
- Speelyai Hatchery - Generator
- Kendall Creek Hatchery - Generator
- Mossyrock Hatchery - Generator
- Chelan Hatchery - Generator

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	750,000				750,000
	<b>Total</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000759  
SubProject Title: Electrical and Standby Generator  
SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Operating Impacts

No Operating Impact

SubProject Number: 3000762  
SubProject Title: Construct Armory - Lathrop Road Facility  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

The Department is requesting funding to construct a secure armory for the Enforcement program inside of the existing Lathrop Industrial Dr. SW facility in Olympia.

**Project Description**

This secure armory will be constructed inside of the existing Enforcement facility in Olympia, WA. The armory will be a secure storage area for confiscated items such as guns, bows, knives and ammunition. The Enforcement Officers will use this secure area to store their duty issued handguns, rifles, ammunition, optics and radios.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000762

SubProject Title: Construct Armory - Lathrop Road Facility

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriates</u>	<u>New Appropriates</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000763

SubProject Title: Arlington Hatchery - Repairs to Ponds and Water Supply

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000763

SubProject Title: Arlington Hatchery - Repairs to Ponds and Water Supply

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

Arlington hatchery is the primary production facility for the departments Inland and High Lake production in the Puget Sound. The fish released from this facility play an important role in recreational lowland lake fisheries in Snohomish, Skagit, Whatcom, Island, Pierce, and King counties, as well as Alpine Lakes. The existing main water delivery system is failing. The entire underground piping is currently degraded and over 25% of the water is continually lost. Funding of this project would enable the department to increase production and minimize the risk of possible catastrophic fish loss, due to failing infrastructure going into the future. A key component of the existing on-site plumbing system is an In-stream Natural Abatement Pond that cannot be cleaned and needs to be brought up to current NPDES and DOE standards as well.

**Project Description**

Arlington hatchery is the primary production facility for the departments Inland and High Lake production in the Puget Sound. The fish released from this facility play an important role in recreational lowland lake fisheries in Snohomish, Skagit, Whatcom, Island, Pierce, and King counties, as well as Alpine Lakes. The existing main water delivery system is failing. The entire underground piping is currently degraded and over 25% of the water is continually lost. Funding of this project would enable the department to increase production and minimize the risk of possible catastrophic fish loss, due to failing infrastructure going into the future. A key component of the existing on-site plumbing system is an In-stream Natural Abatement Pond that cannot be cleaned and needs to be brought up to current NPDES and DOE standards as well.

**Location**

City: Arlington

County: Snohomish

Legislative District: 039

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000763

SubProject Title: Arlington Hatchery - Repairs to Ponds and Water Supply

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000764

SubProject Title: Fish Culture Improvements

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000764

SubProject Title: Fish Culture Improvements

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW requests funding to replace hatchery facilities infrastructure.

#### Project Description

##### What is the proposed project?

The Department proposes to replace and/or upgrade the following components at the following hatchery facilities:  
Fish Culture Improvements - Statewide:

Bogachiel - Spawning shed  
 Lake Aberdeen - Intermediate fiberglass ponds  
 Lakewood - Starter ponds and shallow troughs  
 McKernan - Adult sorting table  
 Hurd Creek - New UV system  
 Tokul Creek - Starter ponds (2)  
 Vancouver - Fiberglass ponds (2) Biddle Lake  
 Washougal - Vacuum system pond 22  
 Ringold - Adult pond modifications/concrete bottom and new weir  
 Minter Creek - Incubation settling pond  
 Elwha - Adult collection/ladder modification  
 Hoodspout - Adult sorting tables  
 Hurd Creek - Chillers  
 Palmer Ponds - Upper pond drain repair and new screens  
 Bogachiel - Large fiberglass raceway  
 Hurd Creek - Replace fiberglass ponds  
 Hoodspout - New screens for adult pond  
 Garrison - Modify fish ladder at Chambers Creek  
 George Adams - Large fiberglass ponds (2) new  
 Dungeness - New crowders  
 Columbia Basin - New pond screens  
 Various sites - Resistance weir boards  
 Chambers - Modify outlet structure  
 Elwha - Reuse pump upgrade for new adult holding ponds  
 Washougal - incubators and shallow troughs  
 Kalama - Vertical incubators  
 Fallert Creek - Vertical incubators  
 Beaver Creek - Vertical incubators  
 Toutle - Vertical incubators  
 Lake Aberdeen - Incubators  
 Wallace - Vertical incubators  
 Naselle - Incubators and intermediate rearing troughs  
 Bingham Creek - Pollution abatement pond cover  
 Hoodspout - Adult crowder  
 Kendall Creek Hatchery - Incubation pipeline

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000764

SubProject Title: Fish Culture Improvements

SubProject Class: Preservation

**What opportunity or problem is driving this request?**

Many of the incubation units listed above are 50 years old and require replacement to maintain current production levels. Intermediate ponds (fiberglass) and new screen dividers are required to successfully rear smaller rearing populations of fish consistent with Hatchery Scientific Review Group (HSRG) principles and recommendations.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000765

SubProject Title: Chemical Storage Facilities - Statewide Hatcheries

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000765

SubProject Title: Chemical Storage Facilities - Statewide Hatcheries

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to build storage facilities for chemicals at hatcheries. The current method of storing chemicals is a safety concern for both fish and staff.

#### Project Description

Chemical Storage Facilities - Statewide Hatcheries:

Kalama - Storage and delivery  
 Fallert Creek - Storage and delivery  
 Mossy Rock - Storage and delivery  
 Ringold - Storage  
 Dungeness - Storage (2)  
 Elwha - Storage  
 Hurd Creek - Storage and delivery  
 Garrison - Delivery  
 Chambers Creek - Storage and delivery  
 Lakewood - Storage and delivery  
 Sol Duc - Storage  
 Humptulips - Storage and delivery (2)  
 Mayr Brothers - Storage  
 Lake Aberdeen - Storage  
 Issaquah - Storage  
 Columbia Basin - Storage  
 Voights Creek - Storage (2)  
 Samish - Storage  
 Kendall - Storage  
 Wallace - Storage  
 Reiter Ponds - Storage  
 Forks - Storage  
 Marblemount - Storage  
 Whitehorse - Storage  
 Minter Creek - Storage  
 Hood Canal - Storage  
 Skookumchuck - Storage  
 Nemah - Storage  
 Beaver Creek - Storage  
 Washougal - Storage  
 Bingham - Storage  
 Bogachiel - Storage

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000765

SubProject Title: Chemical Storage Facilities - Statewide Hatcheries

SubProject Class: Preservation

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 3000766

SubProject Title: Statewide Bridge Repairs

SubProject Class: Preservation

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000766

SubProject Title: Statewide Bridge Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

This project will perform major repair and maintenance on some of the agencies bridges, extending their useful service life-span while preserving critical access to hatcheries, wildlife access areas and public fishing areas.

#### Project Description

*This proposed work will preserve the public's investment in the agency's critical infrastructure by performing necessary repair and maintenance before complete failure or at the least, catastrophic damage to the respective structures occurs. Throughout the past several biennia, several of the agency's bridges have had maintenance and repair deferred for a variety of reasons. These bridges provide important crossings for emergency services, fire-fighting efforts, employee access to facilities, access to residences, sharecropper access and access to recreation sites. All are aspects in keeping with the agency's mission statement. Further, by continuing to defer maintenance and repair the WDFW assume greater and greater safety liabilities for the very public we serve. By making these repairs, the WDFW demonstrates its commitment to preserving public property and carrying out our mission statement.*

#### Prioritized bridges in order include:

- **Kendall Creek Driveway Bridge, Kendall Creek Hatchery, Region 4**

Rebuild approach shoulder retaining walls on each end of structure, replace guard rails, utility replacement, painting.

- **Grays River Hatchery Pedestrian, Grays River Hatchery, Region 6**

Replace walkway decking, lubricate suspension cable hangers, repair deck railing, repair/upgrade/replace lighting system.

- **Rainey Creek Pedestrian, Cowlitz Wildlife Area, Region 6**

Armor and bolster eroding embankment beneath bridge abutments, deck and railing repair.

- **Harris Access Area Pedestrian/Equestrian, Desert Wildlife Area Unit, Region 2**

Replace settled and damaged abutment, bearings and repair spalled concrete decking.

- **Tunk Valley Access Road, Tunk Valley Wildlife Area Unit, Region 2**

Install water runoff features on approach slopes, install ditching and armor runoff slopes at abutment to preserve structure from storm runoff following extensive fires.

- **Forde Lake Dam, Sinlahekin Wildlife Area Unit, Region 2**

Install safety guard rails at approaches and bolster eroding slopes at abutments to preserve structure.

- **Lake Lenore Pedestrian Access, Sun Lakes Wildlife Area Unit, Region 2**

Rebuild (overhaul) two footbridges, modify existing fence around trap structure and bolster eroding bridge abutments

- **Neppel Road Access, Gloyd Seeps Wildlife Area Unit, Region 2**

Replace back plate bulkheads at each end of structure, repair bank erosion, and replace walkway decking.

- **Rocky Ford Pier, Rocky Ford Creek Wildlife Area Unit, Region 2**

Replace pedestrian post and railings, replace walkway decking, repair ADA accessibility issues at approach.

- **Rock Creek Bridge, Revere Wildlife Area Unit, Region 1**

Replace decking and minor repair of approaches.

Each respective site will have a slightly different construction window based on the extent of repair for that site. That said, there are some tasks that must be completed that will help measure the progress and success of this project.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000766

SubProject Title: Statewide Bridge Repairs

SubProject Class: Preservation

- Site specific scope and budgets developed per each structure's needs and tasks identified.
  - Review of scope of work by program manager (client) and Chief Engineer.
  - Creation of site specifications based on estimate and recommended course of action/repair.
  - Advertising work to public works contractors (where applicable) or developing work plan for in-house crews.
  - Hiring of contractor or establishing work window schedule for in-house crews.
  - Execution of work portion of contract
  - Final project review and accepting the project(s) as finally complete.
  - Implementation of the warranty period (where applicable)
- Close out of the contract documents and release of retainage to the contractor(s) (where applicable)

*The bulk of this proposed work is expected and designed to be delivered by a public works contract through open competitive bidding. Through this process, WDFW can ensure that a competent contractor is retained through a fair and unbiased process. Where the project task identified is not specialized or trade specific, WDFW may take advantage of our in-house crews to execute less critical or less safety-oriented tasks. Through every step and every task, each site will be overseen by assigned project managers to be sure that construction stays on schedule, within budget and according to scope.*

*There are some constraints with this project, the biggest and most scrutinized being budget. At this time, WDFW should expect to allocate up to \$400,000 for total construction of this preservation project. This figure is derived from historic data from similar past projects as well as in-house maintenance and fabrication shop data. This figure should allow for contingencies such as permitting, price influx of materials, site inspection, project management as well as minor un-foreseen conditions. Likely the project will finish out below this figure.*

*Timing will be an important factor to consider when planning this project. As many of these sites are situated on the state's East side, it would be favorable to schedule this work, where possible during spring and summer months to take advantage of ideal "work weather windows". Likewise permitting may dictate when some of the in-water work may take place. This may be more challenging on the West side bridges.*

*Close monitoring of the project at all phases will need to occur in conjunction with good communication between all stakeholders to ensure that the agency receives a high quality repair with correct construction methods being employed during the repairs.*

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

#### Growth Management impacts

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000766

SubProject Title: Statewide Bridge Repairs

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	525,000				525,000
	<b>Total</b>	<b>525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>525,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000767

SubProject Title: Skagit Wiley Slough Spur Dike Safety Repair

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000767

SubProject Title: Skagit Wiley Slough Spur Dike Safety Repair

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

The purpose of this project is to provide funding for repair and structural maintenance of the spur dike at the Skagit Wildlife Area Headquarters Unit. The spur dike is in need of repair and maintenance in order to continue to serve its purpose as part of the drainage infrastructure of Dike District #22 (Fir Island, Skagit County) and as the main public access trail at the Headquarters Unit following the Wiley Slough Restoration project. Specifically, portions of the dike have begun to be undermined, crack, and settle, causing concerns about its long term integrity as well as the safety of those recreating and working on the area. The dike has also been overtopped in areas during extremely high tides, and would likely be overtopped during a flood event. Therefore, we are requesting funds to strengthen and raise key portions of the spur dike.

#### Project Description

As part of the Wiley Slough Restoration Project, Dike District #22 requested that the entirety of the spur dike be left in its current location to function as a barrier between Freshwater Slough (a main distributary channel of the South Fork Skagit River) and the restored portion of Wiley Slough. This spur dike keeps high river flows and siltation from Freshwater Slough from affecting drainage capabilities of the Wiley Slough tide gates during lower tides. During the construction period of the Wiley Slough Project, the spur dike was not improved to the standards of a riverine or bayfront dike. Subsequent to restoration, daily inundation of the area has slowly compromised the integrity of the spur dike to the point that it has begun to fail in numerous locations. The Dike District has verbally requested that WDFW maintain a drive-able dike top surface for drainage maintenance. The dike top is also the main public access trail for those recreating at the site. Much of the walkable public access was lost as a result of the restoration project making this walk in access critical to public access to the marsh for hunting and birding activities.

Dike and drainage infrastructure at the Headquarters Unit protects hundreds of acres of farmland and residences on Fir Island. Dike District #22 has thus far not taken over maintenance of this infrastructure post-restoration. Raising and strengthening the spur dike is another step towards this goal, anticipated to be formalized in the next 2 years.

This spur dike serves a dual purpose as drainage infrastructure and a public access trail. If current cracks are not fixed or continue to get worse, the area may need to be closed to public access.

WDFW is working with Dike District #22 to take over the maintenance of the dike and drainage infrastructure following the restoration project on the site. Wildlife Area staff are concerned that with the most recent issues with the dike, the District will require the failing portions of the dike are repaired before they will take over management. We anticipate the transfer to occur during 2016 or 2017. If the District refuses to take over structural maintenance responsibilities it will fall to WDFW to maintain.

If the spur dike fails it has the potential to impact the operation of the tidegate and gravity drainage that occurs on Wiley Slough and this portion of Fir Island impacting private property and agricultural drainage of this part of Fir Island.

#### Location

City: Mount Vernon

County: Skagit

Legislative District: 010

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000767

SubProject Title: Skagit Wiley Slough Spur Dike Safety Repair

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000768

SubProject Title: Skagit Wildlife Area Dike and Drainage Safety Repairs

SubProject Class: Preservation

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000768

SubProject Title: Skagit Wildlife Area Dike and Drainage Safety Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

The purpose of this project is to provide funding for maintenance of dike and drainage infrastructure to a specified standard height to adequately handle extreme high tides and river flooding events, for repair and structural maintenance of all Agency owned dike infrastructure throughout the Skagit Wildlife Area. As an example On March 10, 2016, a very high tide/low pressure weather system with high south winds caused widespread water overtopping and subsequent damage on several of the Skagit Wildlife Area Units (Headquarters, Fir Island Farms and Leque Island).

#### Project Description

##### - Legal/Liability Obligation

##### **Real Estate Agreement Regarding Headquarters Unit Dike, Tidegates and Wiley Slough Drainage**

Headquarters Unit dike infrastructure (Agency Owned) protects Wildlife Area property, structures, equipment and personnel, the general public, private property, and other public and private assets on Fir Island from tidal and river flooding events. Skagit Wildlife Area staff's goal is to improve the dike infrastructure to a standard that reduces agency liability and meets Dike District #22 standards and requirements for the district to take over management and ownership of this infrastructure within the Wildlife Area in the near future.

##### **Real Estate Agreement Regarding Fir Island Farm Dike, Tidegates, Drainage Pond, No Name Slough Pump Station, and Power Line**

The New Fir Island Farm Unit dike infrastructure built as a part of the Fir Island Farm Restoration project is agency owned infrastructure and protects Wildlife Area property, the general public, Fir Island private landowner property along with other Fir Island private and public assets from tidal events. WDFW (Skagit Wildlife Area) are responsible to operate and maintain the new dike and drainage infrastructure until the Dike District #22 take over the management and ownership of these facilities. The funding may be needed to insure the structural standard is adequate that reduces agency liability and meets Dike District #22 standards and requirements for the district to take over management and ownership of this infrastructure within the Wildlife Area in the near future.

##### - Public/Political Interest

The main purpose of the dike infrastructure is to protect lands within the dike and assurances where made during the Wiley Slough Restoration Project to provide adequate private landowner/ farmland protection and drainage. The Washington Department of Fish and Wildlife took over this commitment and liability during the Wiley Slough Restoration project to protect Fir Island private property and assets, farmland, and other state and county assets from tidal and flooding inundation events. A secondary concern is public access for recreational opportunities that occur on the unit. The dike tops are considered trails to the general public for access to the Unit for various recreational opportunities. After the Wiley Slough Restoration Project, the general public now has limited recreational access with only trails on the dike tops. The dikes need to be high enough to handle high tidal and flooding events to some acceptable structural standard with regards to public movement and safety throughout the unit.

##### - Public Safety

As mentioned above, the dike tops have a secondary value as trails for the public to access the Unit. With the agency inviting the public into the unit for recreational opportunities, the agency needs to take reasonable action to ensure the public is safe while utilizing public land. Now that we know what public safety hazards this event could have caused if the public were on site when it happened reasonable steps need to be taken to prevent this occurrence in the future.

During the 3/10/2016 high tide event, the Headquarters Unit boat launch parking area was inundated with up to 3 feet of water due to overtopping of adjacent dikes. Fortunately, the high tide occurred at 6:15 a.m. and was not during waterfowl hunting season. If this event had occurred while vehicles were parked in the parking area (as is often the case early in the morning

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000768

SubProject Title: Skagit Wildlife Area Dike and Drainage Safety Repairs

SubProject Class: Preservation

during waterfowl hunting season), these vehicles would have been flooded.

**Location**

City: Mount Vernon

County: Skagit

Legislative District: 010

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	400,000				400,000
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 3000769

SubProject Title: Statewide Residence Repairs

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000769

SubProject Title: Statewide Residence Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW requests funding to repair deteriorated flooring, cabinets, sinks, restroom facilities, and walls at the Department's owned residences.

#### Project Description

##### What is the proposed project?

To repair deteriorated Department owned residences and bring them up to livable conditions.

##### What opportunity or problem is driving this request?

Many of the Department owned residences are well over 50 years old and are in very poor livable conditions.

Washougal Hatchery - Foundation  
 Naselle Hatchery - Siding replacement  
 Ringold Hatchery - Siding replacement  
 George Adams - Residence drains  
 Omak Hatchery - Foundation  
 Dungeness Hatchery - Residence 1 renovate  
 Forks Creek Hatchery - Siding replacement  
 Soos Creek Hatchery - Residence support beams  
 Ford Hatchery - Garage replacement  
 Omak Hatchery - Remove fireplace and chimney  
 Nemah Hatchery - Siding / renovate  
 Marblemount Hatchery - Siding includes shop  
 Bingham Creek Hatchery - Siding residence and hatchery building; counter tops residence  
 Lake Aberdeen Hatchery - Residence 2  
 Coulter Creek Hatchery - Siding  
 Minter Creek Hatchery - Siding / electrical  
 Oak Creek Wildlife Area - Remodel  
 Sinlahekin Wildlife Area - Remodel  
 Skagit Wildlife Area - Remodel and septic

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000769

SubProject Title: Statewide Residence Repairs

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000770

SubProject Title: Roof Replacements

SubProject Class: Preservation

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000770

SubProject Title: Roof Replacements

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department requests funds to replace roofs on buildings statewide. Replacing these roofs will protect state assets.

**Project Description**

**What is the project?**

The Department requests funds to replace roofs on various facilities statewide, starting with the following list:

**Why is the project necessary?**

The Department owns several buildings with leaking roofs. Replacing the roofs will prevent further damage to the structures and prevent loss of equipment due to water damage.

**Roof Replacement List:**

- Skookumchuck Hatchery - Shop / office
- Sol Duc Hatchery - Pump house
- Soos Creek Hatchery - Residence
- Elwha Hatchery - Shop
- Tokul Creek Hatchery - Residences (2)
- Dungeness Hatchery - Storage Shed
- Mossy Rock Hatchery - Hatchery building

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000770

SubProject Title: Roof Replacements

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000771

SubProject Title: Chelan WLA Swakane Unit - Replace Machine Workshop

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000771

SubProject Title: Chelan WLA Swakane Unit - Replace Machine Workshop

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding for a secure storage/shop area in Swakane Canyon to provide safe storage of tools, equipment and materials and increase efficiency of staff.

**Project Description**

The Chelan Wildlife Area includes the Pateros, Beebe Springs, Chelan Butte, Entiat, Swakane, and White River Units. These units extend from near the town of Pateros south and west through Chelan County to near Lake Wenatchee. The Swakane Unit was purchased over several years in the late 1960's. One of the buildings that came with the purchase was a 24'x50' two story shop/storage shed. It is unknown when the original structure was built but there is ample evidence of little maintenance and questionable repairs over the years. The current state of the building is scary. The entire building leans to the east, foundation walls are cracked, electrical connections are disabled for fear of fire, 2" x 6" wood bracing was installed in the basement to shore-up leaning foundation/basement wall, 1/2" cable and braces were used to shore up second story walls, the roof line has visible bow and serpentine twist, doors are either nonfunctional or without locks, and there are numerous holes in wood floor over the basement.

This building is the only covered storage building on the Chelan Wildlife Area. However, because of the condition of the building very little equipment can be stored because of the fear of collapse. The shop area is nonfunctional due to lack of electrical outlets and lighting, broken windows, and deteriorating wood flooring. The only available secure covered equipment storage and shop space is at the Wells Wildlife Headquarters in Brewster. Use of this location is a holdover from the past management of these units by the Wells Wildlife Area. While the shared use of this facility by the two Wildlife Areas has created efficiencies in shared use of tools, equipment, and personnel it has also created inefficiencies in high vehicle mileage (66 miles) and personnel travel time (1 hour 20 minutes) between the two areas.

A secure storage/shop area in Swakane Canyon would provide safe storage of tools, equipment and materials and increase efficiency of staff.

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	220,000				220,000
	<b>Total</b>	<b>220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>220,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000771

SubProject Title: Chelan WLA Swakane Unit - Replace Machine Workshop

SubProject Class: Preservation

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000772

SubProject Title: Hurd Creek Relocate 2 Wells

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to relocate two wells at Hurd Creek Hatchery. The current location of the two wells are being overtaken by the river.

**Project Description**

The wells at Hurd Creek Hatchery need to be relocated as the current wells are becoming clogged with particulate due to being overtaken by the river.

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000772

SubProject Title: Hurd Creek Relocate 2 Wells

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000773

SubProject Title: Wells Wildlife Area - Repairs to Workshop

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000773

SubProject Title: Wells Wildlife Area - Repairs to Workshop

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

The Department is requesting funding to repair and enclose the workshop at the Wells Wildlife Area. The workshop poses several health and safety issues to employees and this repair would remedy the unsafe conditions.

#### Project Description

In its current condition, the shop presents employees with health and safety issues that need to be resolved in order to function as a safe working environment. The shop was constructed in 1975 to fulfill the needs of one wildlife area which had one full time employee. It hasn't been upgraded in 41 years and today is the only shop to service the needs of the Wells, Sagebrush Flat, Big Bend, and Chelan wildlife areas and their 9 employees. The 41 year-old electrical system is out of date, does not meet current code requirements, and is insufficient to accommodate the amount of equipment necessary (arc welder, wire feed welder, plasma cutter, air compressor, grinders, drill press, band saw, radial arm saw, etc) to support concurrent wildlife area projects. For example, staff cannot operate the 240 volt welders at the same time as the 240 volt air compressor without the shop and office lights dimming, in spite of the fact this equipment are on separate circuits. In the winter months, operating the electric shop heaters exacerbates the situation. Consequently, employees are forced to ration the demands they place on the electrical system. Ventilation is available only through open doors and windows which is inadequate to properly remove the toxic fumes created during welding, torching, or painting. This is particularly true in the winter months. The current roll-up door is coming apart, dented, and is inefficient at insulating the shop from the winter cold and moisture. Additionally, the hand chain operated lift system is difficult for employees use and frequently jams (fig.2).

The 36' long lean-to will provide an area to service equipment or work on projects while other projects are underway in the shop. Up to date and code compliant electrical service will be installed concurrently with the shop electrical upgrade. Once enclosed, the lean-to length will be sufficient to park a vehicle with trailer in time of bad weather when its cargo would otherwise be damaged.

The upgrade will include: 1) replace the existing manually operated shop door with a motorized roll-up door, 2) installing an exhaust fan near capable of 12 air changes per hour, 3) upgrade the existing 200 amp electrical system to 400 amp service and install a new breaker box, 4) install 16 new 120 volt and two 240 volt electrical outlets, 5) painting the exterior.

Enclose the attached lean-to area and install 12' X 10' motorized garage doors on the north and south walls to provide drive-through vehicle access. Install a 36"X 80" steel entry door on the north wall for everyday foot traffic to the shop.

#### Location

City: Brewster

County: Okanogan

Legislative District: 012

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

#### Growth Management impacts

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000773

SubProject Title: Wells Wildlife Area - Repairs to Workshop

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	55,000				55,000
	<b>Total</b>	<b>55,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000775

SubProject Title: Haven Lake Roughened Channel

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000775

SubProject Title: Haven Lake Roughened Channel

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to replace the deficient fishway and log controls located on the outlet of Haven lake with a roughened channel. The fishway and log controls are in violation of state law which requires any obstruction in or across a stream be able to freely pass fish (RCW 77.75.030). Installation of a roughened channel will eliminate the fish passage violation, it will provide passage for anadromous and resident fish, and it will maintain a consistent lake elevation during periods of low flow.

**Project Description**

This project requests funds to design and construct an appropriate replacement for the control structure at the outfall of Haven Lake in Mason County. The existing outfall structure consists of a concrete pool and weir fishway with two additional log weirs immediately downstream of the fishway. The fishway was installed to control the lake levels and provide fish passage. The log weir structures were installed to facilitate fish passage. Haven Lake is currently surrounded by about 150 houses that are susceptible to flooding when the lake elevation rises. During extreme high flow (>50 year flood) events the lake elevation is controlled by a county culvert that is downstream of the existing fishway and log control structures. The existing fishway structures do not currently meet the design standards for fish passage due to excessive water surface drops. The log weirs do not seal correctly and thus cause the stream flow to go subsurface during low flow periods which creates a complete blockage to fish passage. The log weirs are not functioning as designed due to aggradation issues and lack of maintenance. This project will replace the fishway and log control structures with a roughened channel. The roughened channel will facilitate year round fish passage and will maintain a consistent lake elevation during low flow periods while passing high flows without exacerbating the existing flooding issues.

**Location**

City: Unincorporated

County: Mason

Legislative District: 035

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

---

SubProject Number: 30000775

SubProject Title: Haven Lake Roughened Channel

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

---

SubProject Number: 30000774

SubProject Title: Dam Safety Repairs

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000774

SubProject Title: Dam Safety Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to inspect agency owned dams and make appropriate safety repairs.

**Project Description**

Inspect agency owned dams and make appropriate safety repairs.

**DAM REPAIRS**

Big Four Lake Columbia Co.	\$30,000.00
Campbell Lake Okanogan	\$10,000.00
Deer Lake Spokane Co.	\$10,000.00
Hog Lake	\$25,000.00
Fish Lake Okanogon Co.	\$20,000.00
Glyn Dam Grant Co.	\$10,000.00
Little Spokane Pend Orville Co.	\$20,000.00
Lyon Lake Grant Co.	\$10,000.00
Miles lake Okanogan Co.	\$15,000.00
Sassi Reservoir Okanogan Co.	\$10,000.00
Schallow Lake Okanogan Co.	\$10,000.00
Terrel Lake Whatcom Co.	\$85,000.00

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000774

SubProject Title: Dam Safety Repairs

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000776

SubProject Title: Long Lake Access Redevelopment

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000776

SubProject Title: Long Lake Access Redevelopment

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to replace the boat ramp, restroom, black top and the chain link property line fence which is over 35 years old. This project will correct the boat ramp and access area facilities that pose hazards to the public and protect the agency against potential tort claims.

**Project Description**

The Department will replace the worn out, dilapidated concrete ramp that is damaged and needs to be replaced in order to continue serving the fishing, wildlife viewing and boating public.

The deteriorating condition of the existing boat launch necessitates this project. Washed out gravel between and beneath the launch plank creates hazardous launching and wading conditions. Wear and tear caused by constant usage and harsh winter conditions have caused the ramp to break up. The restroom has endured 2 bombings, 2 fires and is in poor shape. It is also non ADA compliant.

The blacktop at the lake's edge is undermining and breaking up. It is eroding into the lake. The Chain Link property line fence is busted with holes and allows trespassing issues with the neighbor's property.

**Location**

City: Lacey

County: Thurston

Legislative District: 022

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	225,000				225,000
	<b>Total</b>	<b>225,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**



477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000777

SubProject Title: Point Whitney Access Site Improvements

SubProject Class: Preservation

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000778

SubProject Title: Beginner's Hole Access Site Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to repair the boat ramp, parking lot and stabilize the bank at the Beginner's Hole access site on the Kalama River.

**Project Description**

Water is eroding the riverbank into the parking lot during high waters creating a danger to the users. The bank is in need of stabilization or the parking lot will be lost to erosion and the site eventually closed. The boat ramp and parking lot need to be repaired.

**Location**

City: Kalama

County: Cowlitz

Legislative District: 020

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000778

SubProject Title: Beginner's Hole Access Site Repairs

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
		<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	80,000				80,000
	<b>Total</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000779

SubProject Title: Ward Lake - Access Site Improvements

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to replace the existing restroom facility, add blacktop for ADA parking and add an ADA accessible pathway to the restroom.

**Project Description**

Ward Lake is a high use lake, the existing fiberglass restrooms are very old and deteriorating and the current facility is not ADA accessible and there is not ADA parking.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000779

SubProject Title: Ward Lake - Access Site Improvements

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropr</u>	<u>New Appropr</u>
057-1	State Bldg Constr-State	100,000				100,000
	<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000780

SubProject Title: Oak Creek WLA - Upgrades to Cowiche Road Bridge and Roadway

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000780  
SubProject Title: Oak Creek WLA - Upgrades to Cowiche Road Bridge and Roadway  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

The Department is requesting funding to upgrade the roadway and bridge on the Oak Creek Wildlife Area. The road is the primary vehicle access onto the Cowiche Unit of the Oak Creek Wildlife Area. It is the only access to a hay barn and winter elk feeding site. Access to this site is critical during the winter to continue elk feeding operations. The road needs to be passable to large trucks to deliver hay. If access is blocked to winter feeding operations elk could move off of state land onto adjacent agriculture causing crop damage and other conflict issues.

**Project Description**

Due to changes in the channel of the South Fork Cowiche Creek, high flow events no longer stay in the main channel and pass under the bridge. A large portion of the water flow leaves the main channel about 100 yards upstream of the bridge on adjacent private property and flows around both sides of the bridge damaging the existing road prism. Flooding has occurred twice following high flow events in February and March 2016. Repairs following the first flood event were damaged 2 weeks later during the second high flow event. The road is no longer passable to large trucks due to the washout of the road prism.

This project needs to assess the current stream and floodplain, then design and construct improvements to the road to keep it passable to vehicles during high flow events.

**Location**

City: Unincorporated County: Yakima Legislative District: 014

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	145,000				145,000
	<b>Total</b>	<b>145,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>145,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000780  
SubProject Title: Oak Creek WLA - Upgrades to Cowiche Road Bridge and Roadway  
SubProject Class: Preservation  
Operating Impacts

No Operating Impact

SubProject Number: 3000781  
SubProject Title: Dead Canyon Haul Road RMAP  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

The Department is requesting funding to remove an existing bridge, two culverts on either side of the bridge, and the abandoned haul road approach and associated fill from Dead Canyon Creek approximately 150 feet upstream from the confluence with the Klickitat River.

**Project Description**

The project addresses a legal requirement to complete all Road Maintenance and Abandonment Plan (RMAP) work on WDFW lands by 2016 as directed by the legislature.

**Location**

City: Goldendale County: Klickitat Legislative District: 014

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000781  
SubProject Title: Dead Canyon Haul Road RMAP  
SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000783  
SubProject Title: Johns River WLA - Repairs to ADA trail and loading area  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

The Department is requesting funding to renovate the John's River access site ADA trail and ADA loading area.

**Project Description**

The number one reason for requesting this project is safety and to restore access for equipment to forage area. This is a very popular area with its ADA paved trail on the dike and viewing blind at the end of the trail that overlooks the wetland. The area has a large fishery with the buoy 13 fishing season in Grays harbor bay and is an alternate site to launch for the Westport fishery. It also has an ADA loading facility for loading before launching. The area is very popular for hiking, birding and hunting.

ADA trail needs to be repaved and widened, (need 12' running inside curb for equipment access) pavement is alligating and crumbling.  
ADA trail curbing replacement, old PT wood is rotten  
ADA loading ramp rebuild and pave walkway, structure is rotted out.

**Location**

City: Aberdeen

County: Grays Harbor

Legislative District: 024

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000783

SubProject Title: Johns River WLA - Repairs to ADA trail and loading area

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Appropr
057-1	State Bldg Constr-State	350,000				350,000
	<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000784

SubProject Title: Oak Creek - Cowiche Elk Fence 3 miles

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000784

SubProject Title: Oak Creek - Cowiche Elk Fence 3 miles

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW requests funding to replace about 3 miles of elk fence on the Oak Creek Wildlife Area.

**Project Description**

**What is the proposed project?**

This project would replace about 3 miles of elk fence on the Cowiche Unit of the Oak Creek Wildlife Area. Fence replacement would start at cattle guard on Cowiche Mill Road and go south along the eastern boundary of the wildlife area to the top of Cowiche Mountain and end at fence that was rebuilt following the 2010 Cowiche Mill Fire. The current elk fence has exceeded its functional life and requires constant inspection and maintenance. In several sections of the fence 30-40 posts in a row are rotted off and are being held up by braces and brush. Strong winds and elk pressure can take parts of the fence out at any time. The new fence would be primarily steel posts with a few sections of wooden posts with rock jacks where equipment is inaccessible and a small section in between channels of the creek. The new fence and design will require less maintenance and will allow wildlife area staff to focus on other projects.

This project would replace existing infrastructure that is failing. Installing metal fence would have higher installation costs but is expected to have a longer life and reduce maintenance needs.

The fence would cross the SF Cowiche Creek which has multiple braided channels, a breakaway fence would need to be designed for high flows.

**What opportunity or problem is driving this request?**

The elk fence in junction with winter feeding sites keep elk out of adjacent agricultural lands where they can cause thousands of dollars in damage to orchards and hay fields. This section of fence is near the Cowiche winter feed site which keeps around 2000 elk off of the adjacent orchards and other agriculture lands during the winter. When sections of the fence fail elk cause damage and increased work for WDFW through hazing, emergency fence repairs and issuance of deprecation permits.

**Location**

City: Tieton

County: Yakima

Legislative District: 014

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	600,000				600,000
	<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>



**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000785

SubProject Title: Boat Plank Manufacture and Ramp Replacement

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000786

SubProject Title: Blue Mountains Odom RMAP - New Acquisitions

SubProject Class: Preservation

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000786

SubProject Title: Blue Mountains Odom RMAP - New Acquisitions

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW requests funding to bring 14 miles of roads into compliance for maintaining fish passage and preventing delivery of sediment to state waters by upgrading culverts as necessary, improving drainage and stabilizing road surfaces. Also, unnecessary or problematic roads will be abandoned to standards by removing stream crossings, re-establishing natural drainage pathways, stabilizing soils and blocking access.

#### Project Description

##### What is the proposed project?

WDFW recently acquired 4,251 acres in the Blue Mountains as Phases two and three of the Odom Ranch acquisition. This project brings 14 miles of roads into compliance with Road Maintenance and Abandonment Plan (RMAP) standards for maintaining fish passage and preventing delivery of sediment to state waters by upgrading culverts as necessary, improving drainage and stabilizing road surfaces. Also, unnecessary or problematic roads will be abandoned to standards by removing stream crossings, re-establishing natural drainage pathways, stabilizing soils and blocking access.

##### What opportunity or problem is driving this request?

Corrective actions will result in:

- compliance with the Forest Practices Act (WAC 222-24-050) which requires forest landowners to maintain or abandon forest roads to meet RMAP standards.
- enhanced water quality due to elimination of road related sediment delivery problems
- elimination of any road-related fish passage barriers
- safer public access to Wildlife Area lands
- habitat improvements associated with abandoning unnecessary or problematic roads

##### How does the project support the agency and statewide results?

This project also supports the Department's strategic plan by

- Ensuring WDFW facilities are in compliance with state and federal law/code to protect the environment.
- Addressing sedimentation issues identified in Salmon and Steelhead Century 21 benchmarks.
- Enhance access for wildlife-related recreation thereby improving the economic wellbeing of the State.
- Addressing sound operational management of WDFW facilities and protecting state capital investments.
- Reducing future operation and maintenance costs.
- Setting an example for other landowners.

##### Why is this the best option or alternative?

If a project is not funded, WDFW would not be able to modify the road system to meet its management needs. Any recently developed problems would continue to degrade and be more expensive to correct in future. Also, WDFW might not be in compliance with the law and could receive a notice to comply/citation from DNR. Finally, WDFW would not be able to abandon roads that are unnecessary or problematic resulting in ongoing maintenance costs to avoid unwanted environmental impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000786

SubProject Title: Blue Mountains Odom RMAP - New Acquisitions

SubProject Class: Preservation

**Location**

City: Clarkston

County: Asotin

Legislative District: 009

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department does not expect any impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	150,000				150,000
	<b>Total</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 3000787

SubProject Title: Mt. St. Helens Wildlife Area Road Improvement

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000787

SubProject Title: Mt. St. Helens Wildlife Area Road Improvement

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The road used to access the Mt. St. Helens Wildlife Area is in a deteriorating state and is continuing to be less drivable over time. The roadway needs to be graded, water bars and drains need to be installed, and the majority of the road needs gravel. This is the only road to access and travel through the Mudflow Unit of the Mt. St. Helens Wildlife Area and is essential in managing the area.

**Project Description**

Increased fall and winter use of the only road on the Wildlife Area has resulted in severe deterioration of the roadway and is bordering on becoming an environmental concern due to runoff. The increases are due to increased use and further worsening of road conditions. The primary issue is that the road is bordered on both sides by a berm that does not allow water to flow off of the roadway. Drains and water bars need to be installed at numerous locations along three miles of roadway. Approximately half of this distance is in bad condition but the remainder also needs work. It is not the intent of this project to gravel the entire distance although several parts will need resurfacing. This is a non-forest road.

**Location**

City: Unincorporated

County: Cowlitz

Legislative District: 020

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	75,000				75,000
	<b>Total</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000787

SubProject Title: Mt. St. Helens Wildlife Area Road Improvement

SubProject Class: Preservation

No Operating Impact

SubProject Number: 3000788

SubProject Title: Colockum RMAP

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

This project involves renovating approximately 20 miles of primitive road on the Colockum and Stemilt Wildlife Areas, including widening turn-outs, removing bank sloughing, adding water bars and filling in ruts and ditches. Improving the main arterial roads improves agency management and benefits fish and wildlife-oriented recreationists. Road closures are likely the only alternative, since some of these roads are becoming impassable and unsafe.

#### Project Description

##### What is this project?

Renovate roads on the Colockum and Stemilt Wildlife Areas, including widening turn-outs, removing bank sloughing, adding water bars and filling in ruts and ditches. In addition to general renovation, the Department will also conduct RMAP activities.

##### Why is this project necessary?

These roads are becoming impassable and unsafe for Department employees and recreational users. Without improvements to these roads the Department may have to close access to areas within the Colockum Wildlife area that pose a risk to the public or staff. Improving the main arterial roads improves agency management and benefits fish and wildlife-oriented recreationists.

#### Location

City: Unincorporated

County: Chelan

Legislative District: 012

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

#### Growth Management impacts

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000788

SubProject Title: Colockum RMAP

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	35,000				35,000
	<b>Total</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000789

SubProject Title: Morgan Marsh RMAP

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000789

SubProject Title: Morgan Marsh RMAP

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW requests funding to bring 1.3 miles of recently acquired roads into compliance for maintaining fish passage and preventing delivery of sediment to state waters by upgrading culverts as necessary, improving drainage and stabilizing road surfaces. Also, about 1.5 miles of unnecessary or problematic roads will be abandoned to standards by removing stream crossings, re-establishing natural drainage pathways, stabilizing soils and blocking access.

#### Project Description

##### What is the proposed project?

This project brings 1.3 miles of recently acquired roads into compliance with Road Maintenance and Abandonment Plan (RMAP) standards for maintaining fish passage and preventing delivery of sediment to state waters by upgrading culverts as necessary, improving drainage and stabilizing road surfaces. Also, about 1.5 miles of unnecessary or problematic roads will be abandoned to standards by removing stream crossings, re-establishing natural drainage pathways, stabilizing soils and blocking access.

##### What opportunity or problem is driving this request?

Corrective actions will result in:

- compliance with the Forest Practices Act (WAC 222-24-050) which requires forest landowners to maintain or abandon forest roads to meet RMAP standards.
- enhanced water quality due to elimination of road related sediment delivery problems
- elimination of any road-related fish passage barriers
- safer public access to Wildlife Area lands
- habitat improvements associated with abandoning unnecessary or problematic roads

##### How does the project support the agency and statewide results?

This project supports the Department's strategic plan by

- Ensuring WDFW facilities are in compliance with state and federal law/code to protect the environment.
- Addressing sedimentation issues identified in Salmon and Steelhead Century 21 benchmarks.
- Enhance access for wildlife-related recreation thereby improving the economic wellbeing of the State.
- Addressing sound operational management of WDFW facilities and protecting state capital investments.
- Reducing future operation and maintenance costs
- Setting an example for other landowners.

#### Location

City: Unincorporated

County: Chelan

Legislative District: 012

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000789

SubProject Title: Morgan Marsh RMAP

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	125,000				125,000
	<b>Total</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000790

SubProject Title: Lacey Construction Shop Facility Upgrades

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to upgrade the Lacey Construction Shop. The Lacey Construction Shop is used for construction fleet maintenance and new fabrication and maintenance of water supply pumps that are used at state, local and tribal hatcheries. This will allow increased capacity for the maintenance shop and add additional computer work stations for staff.

**Project Description**

This upgrade will add 2400 square feet of covered outdoor space to the existing mechanic shop. A level concrete slab will be poured and a fixed 5 ton bridge crane will be installed. An existing oil containment area will be renovated within the footprint. Additional safety lighting will be installed as needed. The upgrade will also relocate the current break room to the south side of the main shop building and create additional computer work stations for staff.

**Location**

City: Lacey

County: Thurston

Legislative District: 022

**Project Type**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 30000790

SubProject Title: Lacey Construction Shop Facility Upgrades

SubProject Class: Preservation

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000791

SubProject Title: Omak Hatchery Storage Building

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000791

SubProject Title: Omak Hatchery Storage Building

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to build a storage building at Omak Hatchery. The Hatchery currently does not have secured storage and the area has had theft and vandalism to Department equipment over many years. The new storage building would be used by 4 programs within WDFW, Enforcement Program, Wildlife Program, Habitat Program and Fish Program.

**Project Description**

Build a 120' x 40' storage building at Omak Hatchery. The building will be divided into individual bays for secure storage that will be used by all programs within WDFW.

**Location**

City: Unincorporated

County: Okanogan

Legislative District: 012

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	120,000				120,000
	<b>Total</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 3000792

SubProject Title: Statewide Fish Barrier Repairs

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000792

SubProject Title: Statewide Fish Barrier Repairs

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

This project will provide funding to make small fixes and adjustments to culverts that have been recently repaired or replaced but require additional adjustment upon inspection.

**Project Description**

WDFW estimates that 40,000 fish passage barriers exist in Washington State, which in most cases stands in the way of salmon and steelhead accessing prime spawning and rearing habitat. This project will provide funding to make small fixes and adjustments to culverts that have been recently repaired or replaced but require additional adjustment upon inspection. The list of potential projects would include all culverts that have been repaired or replaced by WDFW.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000756

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

**SubProjects**

---

**SubProject Number:** 3000793

**SubProject Title:** Statewide Toilet Replacement

**SubProject Class:** Preservation

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000793

SubProject Title: Statewide Toilet Replacement

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

This project would replace outdated dilapidated fiberglass outhouses at water access areas throughout the state with concrete, ADA-approved vault toilets. These old fiberglass outhouses may be limiting the amount of public use to the areas because of the difficulty of use by the elderly and handicapped.

#### Project Description

##### What is the project?

The Department will replace toilets at access areas starting with the following list:

##### Region 1:

Williams Lake  
 Horseshoe Lake  
 West Medical Lake  
 Fish Trap Lake  
 Jump Off Lake  
 Black Lake  
 Ruby  
 Marshall Lake  
 Hatch Lake  
 Caldwell Lake  
 Rock Lake  
 Botts  
 Joseph Creek School House  
 Black Butte  
 Deep Lake  
 Wooten WLA Outhouse Replacement  
 Rustler's Gulch

##### Region 2:

Buzzard Lake  
 Wells WLA  
 Bear Creek  
 Boulder Lake  
 Campbell Lake Access  
 Chilliwist Access  
 Cougar Lake Access  
 Forde Lake Access  
 Long Lake  
 McFarland Creek

##### Region 3:

Fitzsimmons Access  
 Fio Rito

##### Region 4:

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000756

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

**SubProjects**

**SubProject Number:** 30000793

**SubProject Title:** Statewide Toilet Replacement

**SubProject Class:** Preservation

- North Lake
- Plums #1
- Beaver Lake
- Lake Sixteen
- Armstrong Lake
- Lake Stickney
- Wiser Lake
- Martha Lake
- Lake Serene
- Harts Lake
- Tanwax Lake

**Region 5:**

- Barbers
- Puget Island
- Vancouver Lake

**Region 6:**

- Duckabush River Access
- Lawrence Lake Access
- Ward Lake

**Why is the project necessary?**

Currently, Americans with Disabilities Act (ADA) accessible restrooms are not available at these Wildlife Areas. Many have portable toilets that are in excess of 25 years old. They are unsightly and do not present the public with a positive impression of our wildlife areas nor the Department. The above units are the most frequently visited by the public for both hunting and wildlife viewing purposes. These sights are experiencing an increasing number of visitors who expect facilities of a higher standard than we currently have. The public expects a safe and clean place to use a restroom. Installation of reader boards will provide the visiting public pertinent information on the individual units including wildlife species and habitats present as well as the natural, geologic, and cultural history of the units.

**Location**

**City:** Statewide

**County:** Statewide

**Legislative District:** 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000793

SubProject Title: Statewide Toilet Replacement

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriates</u>	<u>New Appropriates</u>
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000794

SubProject Title: Schumaker/Snyder Access Redevelopment

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000794

SubProject Title: Schumaker/Snyder Access Redevelopment

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

This is a State Lands Development project to improve access for the public at the Schumaker Unit of the Chief Joseph Wildlife Area and downstream at the nearby Snyder Bar Access site. Both properties are located in Asotin County along the Grande Ronde River approximately 25 miles South of the city of Asotin near the bottom of Schumaker County Road.

**Project Description**

Schumaker Unit: The scope of the project at the Schumaker Unit is to improve 8,400' of primitive road heavily used by recreational users. The road will be improved by installation of drainage, grading, and installation of a gravel all-weather surface. Other improvements include an informational kiosk, installation of a CXT type toilet at an existing parking area, construction of pull-off areas for parking, installation of boulders to prevent vehicles from entering the Grande Ronde River, and WDFW directional signage.

Snyder Bar: Install CXT Restroom at Snyder Bar Access site on the Grande Ronde River in Asotin County.

Schumaker Unit: This project will protect riparian habitat by preventing motor vehicle traffic in the river and reduce sediment flowing off the primitive road way into the river. Priority species such as listed stock of steelhead and chinook salmon will benefit from the improvements. The majority of recreational users at this area are steelhead fisherman. This is popular fishing area with many users over the course of the year. In addition, the area is also used by hunters, boaters, and recreational campers. This will improve a worn out primitive road on WDFW land as well as installation of a CXT toilet on a State Wildlife Area.

Snyder Bar: For years the Snyder Bar area has been a popular site for fishermen and other outdoor enthusiast enjoying the rugged Grand Ronde river canyon. There never has been a restroom facility at this site and over the years, there have been numerous complaints from the public and neighboring landowners about human waste and litter left on the landscape at this access site. It's not pretty, bad for the environment, bad for the resource, and bad for the agency not to have some type of restroom facility at this site. Installation of a restroom will go a long ways towards satisfying users who buy fishing/hunting licenses and Discover Passes.

**Location**

City: Unincorporated

County: Asotin

Legislative District: 009

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	270,000				270,000
	<b>Total</b>	<b>270,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000794

SubProject Title: Schumaker/Snyder Access Redevelopment

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000795

SubProject Title: Sol Duc Hatchery Public Fishing Access

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to install a CXT single vault restroom, resurface the black top parking area and access road, and black top an ADA parking stall next to the CXT restroom at the Sol Duc public fishing access site.

**Project Description**

This is a very high use site; the Sol Duc river system attracts users not only from all over the United States, it has been, and can be documented that users come from all over the world to experience the pristine waters of the Olympic Peninsula. Currently there is no restroom facilities at the boat launch.

The black top road and parking lot is well past its life expectancy. Major pot holes and erosion are a concern. Continuous maintenance is required to avoid safety situations.

**Location**

City: Unincorporated

County: Clallam

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000795  
SubProject Title: Sol Duc Hatchery Public Fishing Access  
SubProject Class: Preservation

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000851  
SubProject Title: Goldendale Hatchery Pipeline Replacement  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

WDFW is requesting funding to replace the water supply pipeline at Goldendale Hatchery, the pipeline is in very poor condition.

**Project Description**

**What is the proposed project?**

The Department will replace the existing water supply and drain pipelines.

**What opportunity or problem is driving this request?**

Goldendale Hatchery infrastructure is 30 to over 80 years old and requires replacement.

**Location**

City: Goldendale

County: Klickitat

Legislative District: 014

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 3000851

SubProject Title: Goldendale Hatchery Pipeline Replacement

SubProject Class: Preservation

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department will renovate an existing asset and does not expect operating impacts.

SubProject Number: 3000796

SubProject Title: John's River Access Ramp Parking Area Resurface

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000796

SubProject Title: John's River Access Ramp Parking Area Resurface

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The Department is requesting funding to install a CXT single vault restroom, resurface parking area and access road with a 4" lift of crushed rock and replace boat launch planks with new still planks at the John's River Access site.

**Project Description**

This is a very popular area with an ADA paved trail on the dike and viewing blind at the end of the trail that overlooks the wetland. The area has a large fishery with the buoy 13 fishing season in Grays Harbor Bay and is an alternate site to launch for the Westport fishery. It also has an ADA loading facility for loading before launching. The area is very popular for hiking, birding and hunting.

Currently the restroom facility at the boat launch is leaking and needs pumping several times a year.

The parking area and road heave every time there is a freeze and there is not enough rock to grade and maintain the area.

**Location**

City: Aberdeen

County: Grays Harbor

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	150,000				150,000
	<b>Total</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000756

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

**SubProjects**

---

**SubProject Number:** 3000797

**SubProject Title:** General Energy Efficiency Improvements

**SubProject Class:** Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000797

SubProject Title: General Energy Efficiency Improvements

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding for general energy efficiency improvements statewide. The residences, hatcheries, and offices at the Department sites need energy upgrades to meet current energy audit requirements, improve employee working conditions, reduce energy costs, and preserve existing assets.

#### Project Description

##### What is the proposed project?

The Department will use available funding, working through the following list of facilities:

Nemah Hatchery - Hatchery building  
 Kendall Creek Hatchery - Hatchery building  
 Washougal Hatchery - Hatchery building  
 Omak Hatchery - Residences  
 Columbia Basin Hatchery - Hatchery building  
 Ford Hatchery - Hatchery and residences  
 Hoodspport Hatchery - Hatchery and residence #1  
 Lake Whatcom Hatchery - Hatchery and residence  
 Mossy Rock Hatchery - Residences  
 Coulter Creek Hatchery - Residences  
 Voights Creek Hatchery - Residence #3  
 Arlington Hatchery - Residences  
 Chelan Hatchery - Residences  
 Humptulips Hatchery - Residences  
 Beaver Creek Hatchery - Residences  
 Wenas Wildlife Area - Residence  
 Colockum Wildlife Area - Residence  
 Skagit Wildlife Area - Residence  
 Wooten Wildlife Area - Residence and bunkroom  
 Wells Wildlife Area - Bunkroom  
 Sinlahekin Wildlife Area - Residence  
 Scotch Creek Wildlife Area - Residences  
 Methow Wildlife Area - Office  
 Olympic Wildlife Area - Residences  
 Oak Creek Wildlife Area - Residence  
 Chelan Wildlife Area - Residences  
 South Puget Sound Wildlife Area - Residences

##### What opportunity or problem is driving this request?

The Department's facilities need to be renovated with energy efficiency packages to reduce reliance on energy sources that result or produce greenhouse gases.

##### Why is this project necessary?

This request would allow the Department to renovate these facilities to reduce energy costs and operate these facilities in an environmentally sensitive manner.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000797

SubProject Title: General Energy Efficiency Improvements

SubProject Class: Preservation

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	600,000				600,000
	<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

This project would upgrade existing assets and is not expected to have an incremental impact on the operating budget.

SubProject Number: 3000798

SubProject Title: Mt. St. Helens Wildlife Area Bank Stabilization

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000798

SubProject Title: Mt. St. Helens Wildlife Area Bank Stabilization

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

Under this proposal bank stabilization would occur along a mile stretch of the North Fork Toutle riverbank on the Mt. St. Helens Wildlife Area, to control erosion and reduce the amount of wintering elk forage acreage being lost on the wildlife area. This project would complete previous work and erosion control measures and extend the bank stability projects from three miles downstream to the Forest Service National Volcanic Monument boundary.

**Project Description**

The area is critical wintering grounds for elk in the Mt. St. Helens area, and additional losses in habitat result in a lower carrying capacity, and potentially higher winter mortality in the herd. Over the past several years the area has lost over 400 acres of forage habitat, greatly reducing the amount of winter forage available for elk. Previous bank stabilization projects of this type have significantly reduced the amount of acreage lost during high water events. Wildlife Area staff estimate that there is less than 1 acre of bank erosion in the previous project sites areas every year, where as if these stretches had not been stabilized with log and earthen structures losses would be a minimum of 5-10 acres a year, with higher losses during winters with higher than normal precipitation. The area that this project would be constructed in continues to have high amounts of erosion every year and thus natural bank stabilization by the recolonization of native plants and the planting of several thousand trees in this stretch of river have never been able to get a foothold. This project would not only benefit elk and other wildlife, but also anadromous fish by stabilizing the riverbank, reducing erosion, providing shade and lower water temperatures, and adding nutrients to the water providing appropriate conditions to produce forage for juvenile fish.

**Location**

City: Unincorporated

County: Cowlitz

Legislative District: 020

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	450,000				450,000
	<b>Total</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000798

SubProject Title: Mt. St. Helens Wildlife Area Bank Stabilization

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000799

SubProject Title: Methow Wildlife Area Fencing

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000799

SubProject Title: Methow Wildlife Area Fencing

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

The Methow Wildlife Area is seeking capital funds to assist in the construction of four strand, wildlife friendly fencing throughout a variety of locations within the wildlife area. The work would involve rehabilitating existing fence that is damaged and or has not been maintained for decades, but also constructing new fences (approximately 100 miles) in areas that have not been previously fenced or the existing fence is beyond reasonable repair. Of primary concern are boundary fences of the Methow Wildlife Area and some interior fence (pasture fence). Well-built boundary fences are necessary for several reasons including: 1) clearly delimiting the boundary of where DFW authority begins and ends concerning land ownership and management, 2) providing protection from trespass livestock without which extensive trespass livestock can cause damage to sensitive fish and wildlife habitat, and 3) minimizing the amount of time necessary for annual fence repair, in particular in areas where heavy snow accumulations can collapse a poorly built fence. Once our boundaries were fenced and protected, the wildlife area would transition emphasis to sensitive habitat areas in need of protection.

#### Project Description

It's imperative that boundary fences on the Methow Wildlife Area are well built and up to current standards to protect the integrity of fish and wildlife habitat, and ecosystems. The wildlife area is subject to a variety of negative actions in the absence of durable sufficient fencing. Some examples of these undesirable actions include: 1) trespass cattle that can be destructive if not properly managed, 2) vehicles, e.g., mountain bikes, ATVs, dirt bikes, snowmobiles, venturing off road through the wildlife area. Fences also help define property boundaries and minimize the potential for adverse effects from neighboring landowners. It's important to note that many of the fences around the 35,000 acre Methow Wildlife Area are sixty plus years old and obviously are not up to current WDFW stock fence standards. The Methow Wildlife Area is currently at a critical moment of needing to improve fence infrastructure. The Methow is an extremely popular tourist destination that experiences very heavy recreational use. Well-built fences that are up to current standards are necessary to ensure that we are able to meet WDFW Mission and goals of preserving, protecting and managing native fish and wildlife and their habitat on WDFW lands thus necessitating a large scale fencing project that has been needed for many years. Further delaying this need merely exacerbates all problems associated with poor fences.

#### Location

City: Winthrop

County: Okanogan

Legislative District: 012

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

#### Growth Management impacts

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000799  
SubProject Title: Methow Wildlife Area Fencing  
SubProject Class: Preservation

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	745,000				745,000
	<b>Total</b>	<b>745,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>745,000</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000800  
SubProject Title: Oak Creek WLA - Repairs to Junction Rd. and Elk Fencing  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

This project would maintain administrative access to an important road for land management on the wildlife area and repair a section of elk fence near a feed site that is constantly being damaged from falling rock and requires a lot of repairs. Currently rocks fall off the hill and land in the road and/or hit the elk fence knocking holes in the fence and blocking vehicle access. This road and fence is important for land management, and controlling elk from accessing private lands and causing damage to agricultural crops.

**Project Description**

Repair and upgrade the Junction Road on the Oak Creek Wildlife Area. The Junction Road goes upstream along the Naches River and passes through steep erosion prone bank. The road provides the only vehicle access to a large section of the wildlife area along the river and access for maintenance and repairs to about 2 miles of elk fence. This project would repair about 150 yards of road that is currently blocked to vehicles from a flood event that sent rock onto the road blocking vehicle access. The project would stabilize the slope to prevent future rocks from falling onto the road. The project would also replace the section of elk fence in the area that is currently being damaged by rocks falling of the slope and taking the fence out.

**Location**

City: Naches

County: Yakima

Legislative District: 014

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 3000800

SubProject Title: Oak Creek WLA - Repairs to Junction Rd. and Elk Fencing

SubProject Class: Preservation

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	75,000				75,000
	<b>Total</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 3000801

SubProject Title: Methow WLA - Replace HQ Office

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000801

SubProject Title: Methow WLA - Replace HQ Office

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to replace the existing Methow Wildlife Area headquarters office building (originally built as manager's residence) with a new pre-fab structure. Remove the current office building/house, fill in the basement (install cistern/water holding tank), assess the function of the septic system and repair/replace if needed, assess the electrical needs and improve. Connect a backup generator for HQ complex.

**Project Description**

The new structure would have an ADA compliant bathroom and main entrance. The heating system would be upgraded to a more energy efficient heat pump that would also serve as an air conditioner. Perhaps an additional propane heater would be a more efficient heat source during extreme winter temps. Some additional functions to the current facility would be a meeting room 12x16, 2 small bedrooms to house out-of-town staff/interns, and storage.

The current office building was built to serve as the manager's residence and was constructed between 1949 and 1950. Since then, codes, standards and uses have changed. The current situation at the wildlife area is, substandard wiring, entrances and bathroom are not ADA compliant, plumbing fixtures & pipes need updating (i.e. water saving, stronger water pressure), the electric furnace runs continually, no air conditioning-summer time office temperatures can reach 100 degrees, the carpet is stained and shows wear spots, insulation is minimal at best, meetings are held in the same room where others are working, and the office lighting is substandard.

The wintertime electrical bills are \$300.00 to \$400.00 per month for a 1400 square foot building. Using the basement wood stove as an additional heat source is inefficient and a waste of staff time to prepare cords of wood for heat and running up & down stair feeding the stove. The wiring is 2 strands of copper with an asbestos/cloth insulation. The amount of power this wire was designed for does not meet the standards of today's demands i.e. no grounding wire two-prong outlets. Perhaps improvements can be made to Router/VPN/agencies connectivity. There are frequent daily occurrences of disconnects from RDS GIS system.

**Location**

City: Winthrop

County: Okanogan

Legislative District: 012

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department is replacing an existing asset with a more efficient structure so we do not expect impact to growth management.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	245,000				245,000
	<b>Total</b>	<b>245,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>245,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000801  
SubProject Title: Methow WLA - Replace HQ Office  
SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000802  
SubProject Title: Methow WLA - Renovations to Storage Barn  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

WDFW is requesting funding to remodel the existing storage barn into a more useful space that's safe and sanitary, secures items from theft, improves chemical longevity and is regulatory compliant.

**Project Description**

The existing space used for storage of Ag chemicals, fence tools/ materials, signs, plumbing supplies, irrigation equipment, winter &/or summer tires, and horse tack. This building is infested with mice, rats and various birds which have made the building a concern for staff. The structure is well built and could provide excellent storage provided that it's reconfigured to not be a health hazard and become secure enough, within reason, to prevent theft. Although theft is not as much of a problem as in other Wildlife Areas, but the threat is real and has occurred (2012). The addition of secure storage space may prevent another \$30,000.00 dollar loss of state property. In addition, chemicals lose their effectiveness when exposed to extreme temperature swings and outside SDS temperature storage range.

- Replace sliding barn doors (4) with a hinged type doors that will provide a tighter seal. Replace broken windows and seal all openings (including base of structure) to make the building "wildlife proof" (exclude mice, rats, birds, cattle, etc.)
- Clean the interior of all evidence of birds and rodents use including the excrement (hazardous health & safety -respiratory protection required-potential hantavirus).
- Improve the existing enclosed storage space to be ventilated and heated for restricted-use chemicals (i.e. herbicides & surfactants) with proper spill containment measures and mixing station. Make room for the portable emergency eye-wash station to prevent freezing and cracking.
- Improve the existing electrical service, interior lighting and provide a frost- free water hydrant/spigot.

**Location**

City: Winthrop

County: Okanogan

Legislative District: 012

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 30000802

SubProject Title: Methow WLA - Renovations to Storage Barn

SubProject Class: Preservation

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	105,000				105,000
	<b>Total</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000803

SubProject Title: Water Right Compliance - Flow Meters

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000803

SubProject Title: Water Right Compliance - Flow Meters

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to install flow meters at hatcheries statewide to remain in compliance with our water rights and assure our water rights are protected. Water rights are a crucial component of any fish hatchery operation and they fall under the jurisdiction of the Department of Ecology (DOE). Where there is documented non-use of a water right for a period of 5 years or more, under the law, DOE may require the total water right be reduced by the amount of non-use. This proposed project is necessary to protect the existing water right. It also allows the facilities to be managed in the most efficient way with respect to fish health concerns.

#### Project Description

Install flow meters at hatcheries statewide to comply with water rights.

List of Hatcheries and Wildlife Areas requiring flow meters for water right compliance:

- Marblemount (2)
- Dungeness (2)
- George Adams (1)
- Samish (2)
- Washougal (2)
- Hoodcanal (1)
- Bingham Creek (1)
- Humptulips (1)
- Sol Duc (2)
- Lake Whatcom (1)
- Skamania (1)
- Columbia Basin (1)
- Chelan (1)
- Spokane (1)
- Ford (1)
- Wooten Wildlife Area (2)
- Chief Joseph Wildlife Area (2)
- Scotch Creek Wildlife Area (2)
- Methow Wildlife Area (2)
- Oak Creek Wildlife (2)

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000803

SubProject Title: Water Right Compliance - Flow Meters

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

**Narrative**

This project would upgrade existing assets and is not expected to have an incremental impact on the operating budget.

SubProject Number: 30000805

SubProject Title: Skagit Wildlife Area Replace Office

SubProject Class: Preservation

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000805

SubProject Title: Skagit Wildlife Area Replace Office

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

The purpose of this project is to provide adequate works space at the Skagit Wildlife Area Headquarters' for Wildlife Area and North Sound Weed Crew staff to complete field and office work in a safe and efficient manner. This proposal requests repair of the existing facility and new construction of open bay storage with a large closed bay that would provide a work area and storage for chemicals and fuels. To improve the working environment and conditions, a bathroom would need to be included in addition to safety features such as a shower and eye wash station to bring the site into safety compliance.

#### Project Description

The Skagit Wildlife Area Equipment Storage and Shop were built approximately in the 1960's and the building was not designed to accommodate large equipment such as boats, airboats, tractors, marsh masters and implements. Since repair and maintenance of this equipment is essential to farming and habitat restoration operations, a heated, indoor shop large enough to work on equipment is required. In addition, outdoor covered storage is needed to preserve our sizable investment in equipment and reduce wear & tear associated with direct exposure to the elements and prolong its useful life.

A doubling of the staff using the Wildlife Area has pushed the limits of congeniality, hygiene and safety. The small office does not have enough space to for staff to work comfortable and no room for meetings greater than 4-5 people.

There are several problems with this building, the larger problems include: damaged bay doors are difficult to open and do not close properly allowing rainwater to coming into the building under the door, entry doors also need new gasket to keep water out, steel columns are rusted at the base and are bent providing limited support for this structure. The settling of the ground under the shop floor has also allowed water to enter and pool in places. Other smaller problems include single pane windows that do not seal well or are broken, plumbing, and electrical.

A condition survey was done in 2004 for the equipment storage and shop building. This survey rated the building internal and external walls a 3, doors a 3.4 (4.0 means in need of immediate repair), plumbing a 3.3. The condition average for this building was overall a 3.2. Since the survey the equipment storage and shop have continued to degrade over the last 10 years.

The addition of the Weed Crew to the Skagit W.A. more than doubles the staff size during the field season and increases the need for shop space accordingly. The Weed Crew is being based out of the Skagit W.A. because they are eradicating *Spartina*, a Class A noxious weed. RCW 17.26 requires that state agencies conduct eradication efforts on WDFW lands and a proper maintenance shop facilitates this work.

Over the past 50 years, the wildlife area has increased in size and management responsibilities. This has increased number of pieces of equipment and supplies/materials utilized for staff duties. Storage capacity has been exceeded. Within the condition survey in 2004, this building was rated at a 3.2 for the utilization average. At the same time, the wildlife area views itself as a satellite storage facility for the equipment/supplies for Wildlife field staff in the La Conner District Office (including Private Lands and Access) and the North Sound Weed Crew within Region 4.

This would provide improved working facilities of the Wildlife area staff that currently have limited work space and storage for equipment and necessary wildlife area files. The staff office would need to be built above the potential flood zone thus protecting WDFW office equipment and files safe from flooding. This office facility was flooded in the 1990 flood. The existing office trailer is very old and nearing the end of life expectancy. The heating system is not efficient. There is no cooling system. The windows are single pane and leak. The office is crowded with limited file and record storage, and it is not ADA accessible.

#### Legal/Regulatory Obligation

RCW 17.10 and 16.52 require WDFW to control *Spartina* and the Skagit Wildlife Area contains the largest remaining *Spartina* population in the state. Equipment and staff are based out the Wildlife Area, a major increase in infrastructure needs.

#### Public/Political Interest

The Skagit Wildlife Area works with a number of groups and individuals requiring meetings for planning and collaboration. There is no adequate meeting space in the office that does not disrupt the work activities of other staff.

#### Facility/Space Deficiency

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000805

SubProject Title: Skagit Wildlife Area Replace Office

SubProject Class: Preservation

Shop was built in the 1960s and is insufficient in size for current number and size of equipment. The facility lacks meeting space and is not ADA accessible.

**Safety**

With the increase in staff using the shop, the need to improve the safety standard increase for chemical storage, amenities and emergency showers and eyewash stations. Rusted support beams pose a structural issue during a loading event or earthquake.

**Location**

City: Mount Vernon

County: Skagit

Legislative District: 040

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
		<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	400,000				400,000
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000804

SubProject Title: Snoqualmie Wildlife Area Barn Replacement.

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000804

SubProject Title: Snoqualmie Wildlife Area Barn Replacement.

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

The barn on the Cherry Valley Unit of the Snoqualmie Wildlife Area is in serious disrepair. Water damage was left unchecked for over 10 years and is extensive. The upper ceiling and floor is rotted to the point of pieces falling away, electrical lines that are attached to the ceiling are now loose and some non-functioning causing a serious safety hazard. Support timbers are water-logged causing headers to sag and door hinges to pull away from them. The concrete foundation and retaining wall is cracked and leaking in numerous places. Almost all of the windows are broken and most of the facility is infested with rats, bats, mice and black mold. WDFW is requesting funding for a new facility for the above reasons, this building is beyond repair and needs to be demolished and replaced.

**Project Description**

The barn is located on the Cherry Valley Unit of the Snoqualmie Wildlife Area. It is used to store equipment such as tractor and mower, power tools, field mowers, brush cutters and chainsaws, and is a storage area for materials and supplies. It is also a workshop to maintain and repair equipment, and as a meeting place for volunteers.

The barn structure is in serious disrepair. Water damage was left unchecked for over 10 years and is extensive. The upper ceiling and floor is rotted to the point of pieces falling away, electrical lines that are attached to the ceiling are now loose and some non-functioning causing a serious safety hazard. Support timbers are water-logged causing headers to sag and door hinges to pull away from them. The concrete foundation and retaining wall is cracked and leaking in numerous places. Almost all of the windows are broken and most of the facility is infested with rats, bats, mice and black mold. A facility is needed for the above reasons, but this building is beyond repair and needs to be demolished and replaced.

**Location**

City: Duvall

County: King

Legislative District: 045

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department is replacing an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000804

SubProject Title: Snoqualmie Wildlife Area Barn Replacement.

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

**Narrative**

The Department is replacing an existing structure with a more efficient structure and does not expect any additional operating impact.

SubProject Number: 30000806

SubProject Title: Scatter Creek WLA - Secure Compound, Workshop, Equipment Storage

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 30000806

SubProject Title: Scatter Creek WLA - Secure Compound, Workshop, Equipment Storage

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to replace the barn with a workshop/garage and covered equipment storage at the Scatter Creek Wildlife Area. The condition of the existing barn is poor and inadequate for proper, secure storage of supplies and equipment. It has no electric service for lights and retains its original cedar shake roof, which is leaking to the extent that much of the interior compacted earthen floor creates large, stagnant pools of rainwater for extended periods of time. These pools are contaminated with high levels of pigeon guano that is accumulated in the upper loft (noted in the 2007 report) and through which the rainwater flows before reaching the floor.

#### Project Description

This project provides secured workshop space and covered equipment storage. Specific elements would include 1) an enclosed workshop and garage with covered equipment storage and 2) security fencing around structure(s).

1. Workshop/Garage/Covered Equipment Storage – Enclosed workshop (≈20' X 60') with storage space and utilities to accommodate tools, materials, and equipment. Include electric service for heating, lights, refrigerated seed storage, and power tools; compressed air piping throughout to supply air tools; and water for general use. Design with interior caged area for extra security of high-value equipment, and dedicated herbicide storage area that complies with WSDA regulations. Garage portion of building to accommodate 1-2 vehicles for inside repairs, maintenance, etc. Include (≈20' X 60') attached covered storage with bays for covered storage of tractors, implements, and other equipment. Covered storage flooring to consist of crushed concrete, gravel, or other clean, porous material.

2. Security Fence – Erect 6-ft chain link fence around structure to create enclosed compound. Provide sufficient space within fence for outside material storage and equipment maneuverability.

The Scatter Creek WLA Unit, located in south Thurston County near Rochester, was acquired by the agency in 1964.

Structures present at the site include the historic Miller-Brewer House (ca. 1860) and an associated barn dating from 1930s-1950s (2007 Historic Structures Report -

<http://www.co.thurston.wa.us/permitting/historic/docs/miller-brewer-house-historic-structures-report-web.pdf>). The WLA has a long history of management for outdoor public recreation including, field trials, dog training, pheasant hunting, nature study, etc. During the past 10+ years, increased emphasis has been placed on management and restoration of the WLA's south Puget Sound prairie habitat. Included in these efforts is the reintroduction and management of several wildlife species that are federally and/or state listed as endangered or threatened. While management actions have intensified over the years to include controlled burning, scotch broom mowing, broadcast herbicide applications, and seeding/dibbling of native plant species, no modern buildings, facilities, or infrastructure has been established at the site to facilitate these land management operations.

The condition of the existing barn is poor and inadequate for proper, secure storage of supplies and equipment. It has no electric service for lights and retains its original cedar shake roof, which is leaking to the extent that much of the interior compacted earthen floor creates large, stagnant pools of rainwater for extended periods of time. These pools are contaminated with high levels of pigeon guano that is accumulated in the upper loft (noted in the 2007 report) and through which the rainwater flows before reaching the floor. A large section of the exterior siding is missing (vandalized by thieves) and allows additional penetration by the elements. The barn was under consideration for a roof replacement during BN 15/17, but upon inspection by CAMP was determined to be too structurally unsound to allow the project to move forward. Also, the barn doors are too small to accommodate most of the tractors that are now used for land management operations. In essence, the barn is obsolete for the types of uses now needed to support diverse and complex land management practices associated with habitat management and restoration.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000806

SubProject Title: Scatter Creek WLA - Secure Compound, Workshop, Equipment Storage

SubProject Class: Preservation

There is currently no ability to safely store smaller equipment (power tools, small engines, etc.) at the site under cover. WDFW staff must take agency equipment of any value to their personal residence 20+ miles away for safekeeping, which is an inefficient way to conduct agency business. The WDFW storage compound on 93rd Ave is located 14 miles away and can sometimes be used to park vehicles and equipment, but no covered storage is available. Indoor workshop space does not exist at the site.

The establishment of a common facility for use by R6 WLA, Diversity, and other agency staff conducting habitat and imperiled species management at the site would be a valuable investment on several levels. It would allow for the disuse of obsolete, unsafe buildings that are currently being used, provide a common workspace where resources can be shared, and consolidate maintenance needs and potential upgrades to a single facility. Also, the WLA Unit is located in a semi-rural area that presents challenges relating to property crime. This secured facility would provide greatly needed protection to agency assets (tractors, small equipment, etc.) and increase operational efficiency by enabling staff to safely store field gear onsite rather than elsewhere (home, other sites, etc.).

**Location**

City: Unincorporated

County: Thurston

Legislative District: 035

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	350,000				350,000
	<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000807

SubProject Title: South Puget Sound WLA - Compound, Equipment Storage, Workshop

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding for South Puget Sound WLA to provide secured, covered equipment storage and workshop space. Specific elements would include a covered equipment storage with attached garage and workshop and security fencing around the structures. Current covered storage for boats, tractors, trailers, etc. is inadequate and is limited to an obsolete structure that was used by the South Tacoma Game Farm for pheasant rearing activities. Many, if not all, of the existing storage bays were not intended for the current use. These bays are narrow with low clearance and have little or no lighting. The property is used by multiple WDFW programs, divisions, and regions that use marine vessels, tractors, trailers, and other expensive and high-maintenance mobile equipment.

#### Project Description

The South Puget Sound WLA Unit, located within the City of Lakewood (pop. 60,000; U.S. Census Bureau, 2014), is an operational hub for the Wildlife (Region 6 / Region 4 / Science / Game) and Enforcement Programs. Current covered storage for boats, tractors, trailers, etc. is inadequate and is limited to an obsolete structure that was used by the South Tacoma Game Farm for pheasant rearing activities. Many, if not all, of the existing storage bays were not intended for the current use. These bays are narrow with low clearance and have little or no lighting. The property is used by multiple WDFW programs, divisions, and regions that use marine vessels, tractors, trailers, and other expensive and high-maintenance mobile equipment. Indoor workshop space is limited to two separate, inadequate garages that are part of old buildings. One garage, used by Region 4 Access, is attached to a 50+ year old house that is a candidate for "safety deficiency" demolition due to its deteriorated and unsafe condition adjacent to the public use parking lot. The other garage, located within the existing covered storage area, is small and obsolete.

The establishment of a common facility for use by the various work units would be a valuable investment on several levels. It would allow for the disuse of obsolete, unsafe buildings that are currently being used, provide a common workspace where resources can be shared, consolidate maintenance needs and potential upgrades to a single facility, and eliminate redundant infrastructure. Also, the WLA Unit is essentially an urban park that presents challenges relating to crime and vandalism. This secured facility would provide greatly needed protection to agency assets (vessels, tractors, etc.) and increase operational efficiency by enabling staff to safely store field gear onsite rather than elsewhere (home, other sites, etc.).

1. Covered Equipment Storage/Garage/Workshop – Pole barn-type structure with 10 to 15 bays for covered storage of boats, tractors, and other equipment. Flooring to consist of crushed concrete, gravel, or other clean, porous material. Garage to accommodate 1-2 vehicles for inside repairs, maintenance, etc. Workshop with sufficient space (≈20' X 40') and utilities to accommodate tools, equipment, and materials. Include electric service for lights and power tools, air compressor piping throughout to supply air tools, and water/restroom for staff use.

2. Security Fence – Erect 6-ft chain link fence around structure to create enclosed compound. Provide sufficient space within fence for outside material storage and equipment maneuverability. Include automatic slide gate with keypad.

#### Location

City: Lakewood

County: Pierce

Legislative District: 028

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000807

SubProject Title: South Puget Sound WLA - Compound, Equipment Storage, Workshop

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	650,000				650,000
	<b>Total</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000808

SubProject Title: Replace Pump House Willapa Bay Lab

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to replace the pump house building and electrical at the Willapa Bay lab. This structure houses the seawater pumps for the lab and is infested with carpenter ants and dry rot.

**Project Description**

The project scope is to replace the structure and electrical for the building that houses the seawater pump system at the Willapa Bay lab. The building is approximately 16' x 24'.

**Location**

City: Unincorporated

County: Pacific

Legislative District: 019

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000808

SubProject Title: Replace Pump House Willapa Bay Lab

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	80,000				80,000
	<b>Total</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000809

SubProject Title: Washburn Island - Replace Center Pivot Irrigation System

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000809

SubProject Title: Washburn Island - Replace Center Pivot Irrigation System

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to purchase and install a new center pivot irrigation system and up-to-date pump controls to more effectively and efficiently irrigate 125 acres of food plots and habitat developments on the Washburn Island Unit of the Wells Wildlife Area. The existing center pivot is more than 40 years old and well beyond its useful life.

#### Project Description

Purchase and install a new center pivot irrigation system and up-to-date pump controls to more effectively and efficiently irrigate 125 acres of food plots and habitat developments on the Washburn Island Unit of the Wells Wildlife Area. It is anticipated that this center pivot system would be composed of 11 spans, each 170 feet in length for a total length of 1,870 feet. The last span will include a 25 foot long extension with an 'end-gun' attached. The pivot would be serviced by an existing water right and a 50hp, 900gpm water pump.

The existing center pivot is more than 40 years old and well beyond its useful life. It has become an maintenance burden, some would say nightmare, the requires area staff investing an inordinate amount of staff time and material costs to keep it operating. The manufacturer has been out of business for years and exact replacement parts are impossible to find. As a result, staff must modify both available parts and existing components such as gear boxes, electric motors, drivelines, limit and pressure switches, and safety systems in order to keep it operating. The 6-inch steel pipe has developed numerous leaks that staff must repair. Such repairs are challenging as the steel pipe rusts from the inside out resulting in pipe with ever thinning walls making the pipe more and more fragile and susceptible to leaks and difficult to repair. The couplers and gaskets that connect the individual spans are no longer available and we must now use 6-inch rubber sleeves as replacements. The electronic circuitry that is to keep the 0.35 mile long system in alignment uses mechanical switches. Every year one or more of these switches fail which thus throws the pivot out of alignment, sometimes so severely that couplers and other components break. To return the system to alignment, staff must climb the 15-foot tall towers and physically manipulate the above mentioned switches while the pivot is in motion. Since 2014, when this request was originally submitted, its condition has worsened. Without replacement, there will come a time in the near future, when we'll no longer be able to irrigate the habitat developments and annual food plots on this unit. That will result in the loss of habitat developments and annual food plots that have in place and maintained for more 30 years. The existing spring and winter wheat fields provide food for thousands of migrating waterfowl every year, as well as mourning doves and a rich variety of non-game birds. This unit is a popular site for upland bird and waterfowl hunters, as well as bird watchers, from across the state. A reliable and efficient irrigation system is essential to maintaining the existing habitat and recreation opportunities on this unit.

#### Location

City: Unincorporated

County: Douglas

Legislative District: 012

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000809

SubProject Title: Washburn Island - Replace Center Pivot Irrigation System

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	85,000				85,000
	<b>Total</b>	<b>85,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>85,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000810

SubProject Title: Scotch Creek Wildlife Area Irrigation Efficiencies

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000810

SubProject Title: Scotch Creek Wildlife Area Irrigation Efficiencies

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to Replace aging wheel lines with center pivot irrigation systems on the Scotch Creek unit. The Scotch Creek Wildlife unit has several historic water rights dating back to the early 1900's. Currently we are maintaining these rights with a sharecropper who irregularly utilizes the wheel lines and big guns that are available. These systems are inefficient, and time consuming to operate.

**Project Description**

Irrigated agriculture is a priority with the County officials, neighboring landowners and the Wildlife Area Advisory Committee, and is included in the Scotch Creek Management Plan. We would like to replace 4 wheel lines with 5 center pivot systems.

Replace aging wheel lines with center pivot irrigation systems on the Scotch Creek unit. One each @ 1,000', 665', 750', and two @ 500'. Power and water supply lines will need to be trenched and delivered to each center pivot location. Concrete pads poured at each location and installation of pivot lines, wheel motors, and drop sprinklers.

Scotch Creek is funded primarily with BPA mitigation money, which is intended for operations and maintenance and native habitat restoration. BPA does not approve sharecropping and irrigation projects. Funds will need to come from other federal or state sources for irrigation efficiencies.

**Location**

City: Okanogan

County: Okanogan

Legislative District: 007

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprovs	New Approvs
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000810

SubProject Title: Scotch Creek Wildlife Area Irrigation Efficiencies

SubProject Class: Preservation

Operating Impacts

No Operating Impact

SubProject Number: 3000811

SubProject Title: Underground Storage Tank Remediation

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding for underground storage tank removal and remediation.

**Project Description**

**Underground Storage Tank Removal List:**

- Wells Hatchery
- Wenatchee District Office
- Dryden Pit
- Sol Duc Hatchery

**Underground Storage Tank Remediation Only:**

- Methow Wildlife Area
- Kendall Creek Hatchery
- Issaquah Hatchery
- Sequim Bay RV Park
- Beaver Creek Hatchery

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000811

SubProject Title: Underground Storage Tank Remediation

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

Narrative

This project would reduce the state's risk and is not expected to have an impact on the operating budget.

SubProject Number: 30000812

SubProject Title: Kalama Falls Hatchery - Renovate Intakes

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000812

SubProject Title: Kalama Falls Hatchery - Renovate Intakes

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to inspect and repair both creek intakes at Kalama Falls Hatchery, locate and repair broken supply line from roadside creek intake and replace flex hose with fixed pipe for intake across the river. The combined output of these creek intakes provides pathogen free water for incubation and early rearing of ESA listed Summer and Winter Steelhead. Without the water supplied by these intakes the early rearing component of this program would be susceptible to a number of pathogens potentially resulting in the complete loss of the resource.

**Project Description**

The combined output of these creek intakes provides pathogen free water for incubation and early rearing of ESA listed Summer and Winter Steelhead. Without the water supplied by these intakes the early rearing component of this program would be susceptible to a number of pathogens potentially resulting in the complete loss of the resource. Additionally the Kalama River is the site of an ongoing long term research project for Steelhead. Without this work the project could be jeopardized. Additionally, the hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009).

This project will support the following statewide results:  
Improve the quality of Washington's natural resources

Improve the economic vitality of business and individuals  
Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.

Improve cultural and recreational opportunities throughout the state  
This project will prevent the loss of fish and improve fishing for recreational use.

**Location**

City: Kalama

County: Cowlitz

Legislative District: 020

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	150,000				150,000
	<b>Total</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000812  
SubProject Title: Kalama Falls Hatchery - Renovate Intakes  
SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000813  
SubProject Title: Sunnyside Wildlife Area Irrigation Efficiencies  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

This project is to replace the pivot irrigation system for “Billy’s Field” at the Headquarters Unit of the Sunnyside / Snake River Wildlife Area. The irrigation system consists of a 5-tower center pivot sprinkler system that irrigates a 45 acre field. This project will replace and upgrade each tower (160 foot span), the fixed pivot point platform and the control panel.

**Project Description**

This project is to replace the pivot irrigation system for “Billy’s Field” at the Headquarters Unit of the Sunnyside / Snake River Wildlife Area. The irrigation system consists of a 5-tower center pivot sprinkler system that irrigates a 45 acre field. This project will replace and upgrade each tower (160 foot span), the fixed pivot point platform and the control panel.

The current irrigation system in place is over 40 years old. This antiquated system is so far behind current standards that original parts are no longer available. When repairs are needed (frequently), only “similar” parts are available that must be converted to match the older system, thus adding additional time and cost for maintenance. Current maintenance costs meet and exceed the Department income from this field.

Billy’s Field is located in the refuge portion of the Headquarters Unit on the Sunnyside / Snake River Wildlife Area. This field provides necessary food resources and resting cover for thousands of wintering ducks and geese in the Yakima Valley. These flocks in turn provide outdoor recreational opportunities for waterfowl hunters from all across the state.

**Location**

City: Mabton

County: Yakima

Legislative District: 015

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 30000813

SubProject Title: Sunnyside Wildlife Area Irrigation Efficiencies

SubProject Class: Preservation

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	65,000				65,000
	<b>Total</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000814

SubProject Title: Snow Creek Resort - Replace Mooring Buoys

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000814

SubProject Title: Snow Creek Resort - Replace Mooring Buoys

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to install 20 screw-in or cemented in anchors to replace previously used weights for mooring buoys at Snow Creek Resort near Neah Bay. WDFW's "Snow Creek Resort" is perhaps the agency's most unique water access site. In 2016 it came to WDFW's attention that the anchor weights that had been used to secure the buoys no longer met the standards of the Department of Natural Resources who controls the tide and bedlands at the site. This project would install new permanently affixed anchors that meet the standards intended to prevent any undue damage to aquatic plant communities.

**Project Description**

WDFW's "Snow Creek Resort" is perhaps the agency's most unique water access site. Due to its remoteness from other WDFW facilities, the site is managed through a contract with a private contractor. Features of the site have included a campground, restrooms and showers, a campground with full hookups, an office building and a slow sand surface water treatment plant. A number of issues have been encountered over the past few years related to aging and deteriorating facilities and the need for upgrades to satisfy legal requirements associated with the moorage features. One of these features is 20 mooring buoys used by visitors, arriving at the site in larger boats. The availability of these buoys makes it possible for these fisherman to access fisheries located further to the east that otherwise may not be feasible to reach. In 2016 it came to WDFW's attention that the anchor weights that had been used to secure the buoys no longer met the standards of the Department of Natural Resources who controls the tide and bedlands at the site. This project would install new permanently affixed anchors that meet the standards intended to prevent any undue damage to aquatic plant communities. The installation of the anchors would be accomplished by a contractor.

**Location**

City: Unincorporated

County: Clallam

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	80,000				80,000
	<b>Total</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000814

SubProject Title: Snow Creek Resort - Replace Mooring Buoys

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000815

SubProject Title: Exterior Repairs to Statewide Facilities

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding for exterior repairs to statewide facilities.

**Project Description**

List of Facilities for Painting or Exterior:

- Region 1 HQ - Reseal logs at front and back of building entrances.
- Region 1 Lab - Reseal concrete exterior walls.
- Region 2 Warehouse - Full exterior paint
- Region 6 HQ - 2 warehouses and upper portion of office

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000815

SubProject Title: Exterior Repairs to Statewide Facilities

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Appropr
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000816

SubProject Title: Install Energy Efficient Exterior Lighting - Statewide Facilities

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000816

SubProject Title: Install Energy Efficient Exterior Lighting - Statewide Facilities

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to install energy efficient exterior lighting at facilities around the state. This upgrade would result in long term savings in electrical costs and would provide better lighting resulting in staff safety.

**Project Description**

WDFW's regional offices are at least 10 years old and in most cases 23-30 years old. The lighting fixtures are original to the facilities.

Install Energy Efficient Exterior Lighting - Statewide Facilities List:

- Region 1: Replace outside parking lot lights at the main office complex
- Region 2: Replace outside parking lot lights and warehouse lights
- Region 4: Replace outside parking lot lights and warehouse lights
- Region 6: Replace outside parking lot lights and warehouse lights.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000816  
SubProject Title: Install Energy Efficient Exterior Lighting - Statewide Facilities  
SubProject Class: Preservation

No Operating Impact

SubProject Number: 3000817  
SubProject Title: Sinlahekin Wildlife Area - Renovations to Woodshop  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

This project would renovate the Sinlahekin Wildlife Area wood shop by repairing the dilapidated exterior of this historically significant structure, strengthen the frame of the building, replace windows with historically compatible types and bring the electrical system up to code by re-wiring throughout and increasing the service to the building. In addition, this project would create a separate, secure, temperature controlled space for herbicide storage and safe facility for fuel can storage.

**Project Description**

*This project would provide a safe and functional facility/work area to construct and repair WLA signs and structures as provide a temperature controlled room for herbicide storage.  
By repairing and updating the exterior and interior of the structure, this project would also increase the longevity of the building which is a historic building built in the 1920s (see pictures below).  
Updating the wiring and service to the building would bring it up to code and reduce the risk of fire.*

**Location**

City: Unincorporated County: Okanogan Legislative District: 007

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	65,000				65,000
	<b>Total</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000817  
SubProject Title: Sinlahekin Wildlife Area - Renovations to Woodshop  
SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Operating Impacts

No Operating Impact

SubProject Number: 3000818  
SubProject Title: Wenas Road Improvements  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

WDFW is requesting funding to replace undersized culverts on a small stream to comply with Road Maintenance and Abandonment Planning(RMAP) requirements. This project will help prevent sediment delivery to the stream and eliminate the question of fish passage.

**Project Description**

*Remove and replace an undersized culvert and replace with a larger culvert or ford. Short work duration but remote location and high mobilization costs. No dewatering necessary.*

**Location**

City: Unincorporated

County: Yakima

Legislative District: 014

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000818

SubProject Title: Wenas Road Improvements

SubProject Class: Preservation

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	55,000				55,000
	<b>Total</b>	<b>55,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000819

SubProject Title: Water Supply Line Repair - Statewide

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000819

SubProject Title: Water Supply Line Repair - Statewide

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to repair deteriorated and leaking water supply lines at hatcheries and wildlife areas across the state.

#### Project Description

##### Water Supply Line Repair List - Statewide:

Chelan - Hatchery building drain line  
 Kendall Creek - Hatchery building manifold  
 Kendall Creek - Pivot standpipes/Broken valve for reuse replacement  
 Nemah - Vacuum delivery line & domestic water line  
 Nemah - Main line adjacent to tower/gates at intake  
 Elwha - Discharge valve for overflow  
 Lakewood - Domestic water line  
 Coulter Creek - Mainline adjacent to pond 1  
 Washougal - McKrannen valve on mainline replacement  
 Toutle - Main gate valve at trap  
 Toutle - Hatchery main water supply line leaks  
 Samish - Pipeline supply manifold  
 Kendall Creek - Lower hatchery building manifold  
 Forks Creek - Main line leaks  
 Humptulips - Main line leaks  
 Hupp Springs - Main line leaks  
 Lakewood - Main line leaks  
 Chambers Creek - Main line leaks  
 Naches - Distribution box repairs  
 Bingham Creek - Domestic water line  
 Fallert Creek - Domestic water line  
 Kalama Falls - Domestic water line  
 Chelan - Main line valve replacement  
 McKernan - Incubation and round pond effluent line realignment  
 Voights Creek - Abatement pond check valve  
 Voights Creek - Check valve incubation line  
 Garrison - Main water line  
 Beaver Creek - Domestic water system

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 3000819

SubProject Title: Water Supply Line Repair - Statewide

SubProject Class: Preservation

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	850,000				850,000
	<b>Total</b>	<b>850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

This project would upgrade existing assets and is not expected to have an incremental impact on the operating budget.

SubProject Number: 3000820

SubProject Title: Western Washington Flood Reduction - Region 6 Screens

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000820

SubProject Title: Western Washington Flood Reduction - Region 6 Screens

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to assess screen facilities on numerous lakes in Western Washington that are potentially causing homes to flood. In the late 50's and early 60's the Department of Game constructed screen facilities on numerous lakes in western Washington to keep planted trout in the lakes. Since then many of the actual screens have been removed and the concrete structures abandoned in place. Information on these sites is incomplete and they haven't been assessed for potential flood risk or liability to the agency. This project would assess these structures and begin the process for mitigating or removing structures that pose a flood risk to adjacent landowners.

#### Project Description

One specific example of a structure that poses a potential liability risk is on the outlet of Lake Sutherland in Clallam County. In March of 2016, we received reports of homes flooding on Lake Sutherland and requests for an emergency hydraulic project approval to remove logs and debris out the lake outlet. Regional habitat staff met with local citizens and found old boom logs broke loose and floated into the outlet channel and were collecting debris. The boom logs were placed by the Dept. of Game to protect the fish screen facility from floating debris. Without the boom logs to protect the facility, debris can rack on the concrete structure and form a debris jam and cause flooding to lake side homeowners.

List:

#### Screen and Dam Location:

Crocker Lake, Jefferson Co., north of Quilcene

Haven Lake, Mason Co., west of Belfair, Lake outlet dam

Kitsap Lake, northwest of Bremerton, likely just a lake screen but it also has an elevation control feature

Lake Campbell

Lake Erie

Lake Nahwatzel, Mason Co., west of Shelton, lake outlet dam

Lake Southerland, Clallam Co., east of Crescent Lake on Olympic Peninsula, possibly a lake outlet dam screen?

Lawrence Lake, Thurston Co., south of Yelm, possibly a lake outlet dam/screen?

Leland Lake, north of Quilcene, possibly just a lake outlet screen?

Mission Lake, Kitsap Co., west of Port Orchard, possibly a lake outlet dam/screen?

Phillips Lake, Mason Co.

Wildcat Lake, Kitsap Co., northwest of Bremerton, possibly simply a lake screen to keep fish in?

Failor Lake, Grays Harbor Co. north of Hoquiam, lake outlet dam and screen

Summit Lake, Thurston Co., west of Olympia, lake outlet dam/screen

#### Location

City: Statewide

County: Statewide

Legislative District: 098

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000820

SubProject Title: Western Washington Flood Reduction - Region 6 Screens

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

<u>Acct Code</u>	<u>Account Title</u>	<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
		<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	350,000				350,000
	<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

Future Fiscal Periods

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000821

SubProject Title: Lake Aberdeen Replace T-Dock

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000821

SubProject Title: Lake Aberdeen Replace T-Dock

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to rebuild the T-Dock at Lake Aberdeen. The dock allows staff to access the net pens on Lake Aberdeen and constituents' access to the lake during fishing season. The floats are styrofoam and are deteriorating and are water logged. Much of the lumber is rotting and is unsafe for fisherman and staff.

**Project Description**

**Problem:**

The floats are Styrofoam and are deteriorating and are water logged. Much of the lumber is rotting and is unsafe for fisherman and staff.

**Solution:**

Rebuild the T Dock at Lake Aberdeen, the dock allows staff to access the net pens on Lake Aberdeen and constituents' access to the lake during fishing season.

**Location**

City: Aberdeen

County: Grays Harbor

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	160,000				160,000
	<b>Total</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000821

SubProject Title: Lake Aberdeen Replace T-Dock

SubProject Class: Preservation

No Operating Impact

SubProject Number: 3000822

SubProject Title: Stinson Flats Access Site - Rebuild Damaged Boat Ramp

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding to rebuild the damaged boat ramp at the Stinson Flats Access Site. This popular launch site on the upper Klickitat river had the boat ramp completely washed away when the river bank collapsed during high waters. This site is not usable as a boat launch site until the ramp is replaced. The ramp is currently closed to use.

**Project Description**

**Problem:**

Need a new boat ramp to replace old ramp that completely washed away in the Klickitat River high water.

Popular launch site on the upper Klickitat river had the boat ramp completely washed away when the river bank collapsed during high waters. This site is not usable as a boat launch site until the ramp is replaced. The ramp is currently closed to use.

**Location**

City: Unincorporated

County: Klickitat

Legislative District: 014

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	110,000				110,000
	<b>Total</b>	<b>110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

---

SubProject Number: 30000822

SubProject Title: Stinson Flats Access Site - Rebuild Damaged Boat Ramp

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

---

SubProject Number: 30000823

SubProject Title: West Rocky Prairie WLA Unit - Beaver Creek Culvert Replacement

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

### SubProjects

SubProject Number: 3000823

SubProject Title: West Rocky Prairie WLA Unit - Beaver Creek Culvert Replacement

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

#### Project Summary

WDFW is requesting funding to replace two undersize culverts with a single large culvert on Beaver Creek where it crosses onto the West Rocky Prairie WLA Unit and intersects a roadway.

#### Project Description

The 800-ac West Rocky Prairie WLA Unit, located in south-central Thurston County north of Tenino, was acquired by the WDFW in 2006 to protect and management south Sound prairies and associated wetlands. The freshwater wetlands at the site are greatly influenced by Beaver Creek, which enters the property from the east and flows for over 1.5 miles through the WLA. Wetlands associated with Beaver Creek total ≈250 ac, or 30% of the site.

An important focus at the site is the management of an extant population of the Oregon spotted frog (OSF; Federal: Threatened; State: Endangered). One environmental condition important for optimal OSF habitat is a hydroperiod of sufficient frequency and duration to support year-round occupation, including during the breeding season. Unimpeded flow of Beaver Creek across the site is a critical driver of this hydroperiod.

In addition to improving water flow across the WLA, the proposed project will provide increased protection of the only interior roadway that services the primary prairie management area and will reduce the potential for flooding on adjacent private property to the east. The raised interior boundary roadway on the WLA holds water back onto the adjacent private property when water flow volume exceeds the capacity of the existing culverts to move the water under the roadway. *The culverted crossing (Site ID: 125 1602W12A) is labelled as "Not a Barrier" by the WDFW Fish Passage Program.*

*This project provides for the replacement of two existing possibly undersized culverts with a single large culvert on Beaver Creek where it crosses onto the West Rocky Prairie WLA Unit and intersects an interior boundary roadway. Specific elements would include 1) removing two existing culverts 2) placing one culvert, and 3) making necessary repairs to the roadway crossing.*

1. Culvert Removal – Remove two culverts on Beaver Creek measuring 48" X 24' and 24" X 30'. These culverts are located where Beaver Creek crosses onto the WLA Unit at an interior roadway that parallels the eastern boundary.

2. Culvert Placement – Replace removed culverts with a single, property sized culvert (dimensions TBD).

3. Roadway Repairs – Repair roadway as necessary to ensure year-round use by WDFW management vehicles.

#### Location

City: Tenino

County: Thurston

Legislative District: 020

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000823

SubProject Title: West Rocky Prairie WLA Unit - Beaver Creek Culvert Replacement

SubProject Class: Preservation

**Growth Management impacts**

These projects should not have any growth management impacts.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	150,000				150,000
	<b>Total</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 3000824

SubProject Title: Sherman Creek Irrigation Diversion Improvements

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 1

**Project Summary**

WDFW is requesting funding for irrigation and diversion improvements at Sherman Creek. The diversion that supplies irrigation water to the Sherman Creek Wildlife Area needs to be brought into compliance with RCW 77.57. The associated diversion dam is a fish passage barrier and is no longer functioning due to sediment accumulations. It needs to be removed and replaced with a roughened channel (like Curl Lake). The diversion headworks infrastructure are inefficient and need to be replaced. The fish screen itself does not need to be replaced.

**Project Description**

Redband trout are a PHS species. This diversion dam blocks upstream fish passage. The diversion is inefficient because water is transported through ½ mile of open ditch. The open ditch needs to be replaced with a closed system pipeline.

**Location**

City: Kettle Falls

County: Stevens

Legislative District: 007

**Project Type**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

**Project Type**

SubProject Number: 30000824

SubProject Title: Sherman Creek Irrigation Diversion Improvements

SubProject Class: Preservation

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	175,000				175,000
	<b>Total</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000825

SubProject Title: Kalama Falls Hatchery - Renovate Fish Passage Barrier

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000756  
Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000825  
SubProject Title: Kalama Falls Hatchery - Renovate Fish Passage Barrier  
SubProject Class: Preservation

Starting Fiscal Year: 2018  
Agency Priority: 1

**Project Summary**

The current barrier is unsuccessful in stopping all passage of adult salmonids. This complicates efforts to collect, conserve, and protect these programs especially Summer Steelhead. The area above the barrier is managed for ESA listed wild stocks. Hatchery fish can navigate the barrier confounding management efforts to meet wild stock recovery and hatchery reform goals.

**Project Description**

The current barrier is unsuccessful in stopping all passage of adult salmonids. This complicates efforts to collect, conserve, and protect these programs especially Summer Steelhead. The area above the barrier is managed for ESA listed wild stocks. Hatchery fish can navigate the barrier confounding management efforts to meet wild stock recovery and hatchery reform goals. The hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009).

This project will support the following statewide results:  
Improve the quality of Washington's natural resources

Improve the economic vitality of business and individuals  
Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.

Improve cultural and recreational opportunities throughout the state  
This project will prevent the loss of fish and improve fishing for recreational use.

**Location**

City: Kalama County: Cowlitz Legislative District: 020

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

These projects should not have any growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000756

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

---

SubProject Number: 30000825

SubProject Title: Kalama Falls Hatchery - Renovate Fish Passage Barrier

SubProject Class: Preservation

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

---

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000661

**Project Title:** Soos Creek Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000661

Project Title: Soos Creek Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2016

Agency Priority: 3

#### Project Summary

The Soos Creek Hatchery is one of the most important salmon hatcheries in the Puget Sound Region, annually producing 4.5 million Chinook and 1.2 million Coho Salmon. Fish produced at this facility contribute directly to Muckleshoot Tribal fisheries, as well as sport and commercial fisheries in the Green River, Puget Sound, and the Pacific Ocean. It is an aging facility originally constructed in 1901 that is becoming costly to maintain and is frequently damaged by flooding events. Constructing Phase 2 of this project will move the hatchery building and rearing ponds out of the flood plain, and construct a new pumped intake and pollution abatement pond. Completion of this phase will allow the hatchery to meet federal and state criteria for fish screening, fish passage, and water quality standards, and provide a safer working environment for hatchery workers.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The Soos Creek Hatchery is an aging facility located in the floodplain and is damaged frequently by flooding events, putting staff at risk and creating large costly cleanups after flood events. Phase 2 of this remodel will move the hatchery incubation and office buildings to a higher elevation and will minimize the chances for flood damage. The rearing raceways are falling apart due to age and are frequently overtopped by flooding, resulting in fish escaping prior to scheduled release. Replacing the pumped intake and pollution abatement ponds will allow the hatchery to meet all federal and state criteria for screening, fish passage, and water quality standards.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **There are three phases of construction with Phase 1 beginning in 2017 and Phase 3 ending in 2019. Phase 1 will focus on rebuilding the adult fish ladder, trapping, holding and spawning areas. Phase 2 will construct a new hatchery incubation building that will be fed with settled water to enhance survival of incubating eggs and fry. Phase 2 will also rebuild the hatchery's water supply intake and pollution abatement systems to meet federal and state fish passage and fish screening criteria and water quality standards, as well as the relocation of facilities out of the floodplain. All project elements in Phase 1 and 2 are identified in the Hatchery Scientific Review Group (HSRG) recommendations and principals. Phase 3 will include demolition of old existing rearing ponds that are currently in the floodplain, replacement of residences, construction of public areas and visiting parking, and completion of stream-side riparian restoration.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**The completion of Phase 2 will move the facilities out of the floodplain, reducing the damage caused by flooding events and improving safety for the hatchery staff. Rebuilding the aging infrastructure will bring the facility into compliance with all state and federal requirements for fish passage, screening, and water quality, and will enable the facility to meet fish production goals.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**The clientele impacted by this budget request are Tribal, sport, and commercial fishers that utilize salmon produced from this facility. These fisheries occur in the Green River, Puget Sound, and the Pacific Ocean, and generate up to \$3 million in revenue annually. Additionally, Soos Creek Hatchery is a very heavily visited hatchery due to its location in Auburn, Washington, and is involved with many school groups and educational activities.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000661

Project Title: Soos Creek Hatchery Renovation

Project Class: Preservation

**Description**

N/A

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**Agency requests State Building Construction Account funds for this project.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This project supports the Department's strategic plan by conserving and protecting native fish. Through improved fish passage and preventing fish from entering the intakes, the Department will reduce hatchery impacts to native fish. This project will also allow the Department to improve an existing asset and reduce the deferred maintenance backlog.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**The proposed project is linked to the Puget Sound Action Agenda in that this Hatchery operates within the Chinook Puget Sound ESU. The proposed hatchery rebuild is to ensure that the new facilities are fully intragrated into Chinook Recovery Goals established by NOAA, and meet all current federal regulations and state guidelines for hatchery operations.**

9. Is there additional information you would like decision makers to know when evaluating this request? **The hatchery rearing program is fully coordinated with the relevant Puget Sound Tribes, primarily the Muckleshoot Indian Nation. Work at this hatchery is intragrated with tribal rearing facilities and provides for a cooperative and enhanced on the ground relationships with our tribal co-managers.**

**Location**

City: Auburn

County: King

Legislative District: 047

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	26,103,000		1,000	14,999,000	11,103,000
	<b>Total</b>	<b>26,103,000</b>	<b>0</b>	<b>1,000</b>	<b>14,999,000</b>	<b>11,103,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000661

**Project Title:** Soos Creek Hatchery Renovation

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000660

**Project Title:** Wallace River Hatchery - Replace Intakes and Ponds

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000660

Project Title: Wallace River Hatchery - Replace Intakes and Ponds

Project Class: Preservation

**Description**

Starting Fiscal Year: 2018

Agency Priority: 4

**Project Summary**

This proposed project is for the Wallace Hatchery, located in Snohomish County, in the town of Sultan. The hatchery is located between the Wallace River and May Creek, both tributaries to Skykomish River. This hatchery has been in continuous operation since 1907. The current water intake facilities do not comply with existing Federal and State fish screening and fish passage regulations and guidelines. The rearing channels are out dated and in failing condition and will be demolished. Two major fish losses have occurred during the past three rearing cycles due to pond failures. These failures resulted from major water supply leaks and pond wall collapse. The current pollution abatement facility is woefully undersized and does not meet current clean water standards. The proposed project is to replace the rearing channels with new concrete raceways including water treatment, construct new water supply intakes, one each on the Wallace River and May Creek, new adult collection facilities on May Creek, remodel and updates to hatchery building, and building additional pollution abatement facilities to ensure compliance with water quality standards.

**Project Description**

**1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) Noncompliance with Federal and State regulations and standards for Fish screening and passage as well as non-compliance with water quality standards require the Department to invest in new water supply intakes. May Creek adult fish collection facilities and existing pollution abatement facilities require upgrades for compliance. Given the poor condition of the existing asphalt rearing ponds and water supply lines and the recent fish losses associated with their failures, the Department seeks approval and appropriations to replace these hatchery components. The proposed project also includes remodeling and updating hatchery building and public restrooms. Wallace Hatchery releases 1.5 million chinook, 150,000 coho, 71,000 steelhead and 18,000 cutthroat trout.**

**2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. This project will construct two new water supply intakes, new rearing ponds, new pollution abatement facilities and water treatment including settling pond, new adult fish collection facilities for May Creek, and bird netting to reduce bird predation. The Department requests a phased approach to complete this project. Phase 1 is requested for the 2017-19 biennium and includes design and acquiring all environmental permits, hatchery building remodel, and new public restrooms. Phase 2 will demolish asphalt channels and replace with new concrete raceways, including bird netting. IT will also include building new/expanding water supply intakes and water delivery lines, new water treatment and pollution abatement facilities, and new adult fish collection facilities to capture fish returning to May Creek. Funding to implement Phase 2 is requested in the 2019-21 Biennium. The proposed project will occur on the existing hatchery grounds.**

**3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? New design standards will ensure compliance with Federal and State regulations for fish passage and screening and meet all current water quality standards. New facilities will also protect fish from catastrophic losses due to infrastructure failure. No action would result in non-compliance with Federal and State regulations and could result in regulatory actions including fines or shut down orders.**

**4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000660

Project Title: Wallace River Hatchery - Replace Intakes and Ponds

Project Class: Preservation

**Description**

Clientele impacted by this request are recreational fishers and treaty tribal fishers. Small business owners that sell or service recreational fishing-related activities including sporting goods stores, boats, motors and repair shops, as examples. Wallace River hatchery releases 1.5 million chinook, 150,000 coho, 71,000 steelhead and 18,000 trout annually. Projected economic value is approximately \$5 million annually based on Wegge 2009 calculations of angler trips created.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

None.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **None identified.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

Objectives:

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

Objectives:

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

Strategies:

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

Objectives:

**D. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**The proposed project supports the Puget Sound Action Plan by resulting in improved fish culture practices, protecting listed species returning to and past our facilities and improved water quality from the hatchery's effluent.**

**Location**

City: Sultan

County: Snohomish

Legislative District: 039

**Project Type**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000660

Project Title: Wallace River Hatchery - Replace Intakes and Ponds

Project Class: Preservation

**Description**

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	15,001,000				2,001,000
	<b>Total</b>	<b>15,001,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,001,000</b>

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	13,000,000			
	<b>Total</b>	<b>13,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000663

**Project Title:** Spokane Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000663

Project Title: Spokane Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 5

#### Project Summary

This request is for the Spokane Hatchery located in Spokane County on the Little Spokane River. This hatchery was constructed in 1934 and is outdated and in poor condition. This request is for the complete renovation of the facility that includes water intake and supply lines, hatchery building, office and storage building, rearing ponds and drain lines, fish protection netting facilities, pollution abatement facilities, and residences for staff assigned standby duty to ensure hatchery flows are maintained.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Spokane Hatchery rears 2.0 million trout annually for release in lowland lakes located throughout the Inland Empire. Each year this hatchery provides recreational trout fishing opportunities in approximately 50 lakes located in Eastern Washington. The estimated economic value associated with this hatchery's rearing program is \$46 million determined by angler days created as a result of this hatchery's fish plants. Value per angler day used for this calculation was \$50 per angler day. The current hatchery facilities were not designed to meet current federal and state regulations and guidelines for the Clean Water Act.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This project will demolish existing hatchery and office building, rearing ponds, refurbish water intake, storage building and residences, and construct new rearing ponds, hatchery building, office and storage building(s), water lines, pollution abatement facilities and residences. The Department seeks to complete this proposed project in phases. Phase 1 includes predesign, final design, and all required permitting and is requested for the 2017-19 biennium. Phase 2 is completion of the construction of the new facilities during the 2019-21 Biennium.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Newly designed and modernized hatchery infrastructure will be constructed to ensure current fish culture rearing standards are met and the condition of these new facilities will ensure long term usability for the continued trout plants throughout Eastern Washington. No action would result in non-compliance with federal and state water quality regulations and guidelines, increased risk of catastrophic fish losses associated with water line delivery or pond failures, and lower fish production associated with lower facility efficiencies, such as lower water flows captured at water intake.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele affected includes recreational fishers and a number of small business owners that operate small "Mom and Pop" resorts on many lakes throughout Eastern Washington. Boat rental facilities, sporting goods stores and other business that support recreational fishery activities such as boat manufacturers and service shops, local eateries and lodging providers, many located in small rural communities, may also be affected. Estimated economic value is over \$46 million per year.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None identified.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000663

Project Title: Spokane Hatchery Renovation

Project Class: Preservation

**Description**

7. Describe how the project supports the agency’s strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**Objectives:**

**A. The ecological integrity of critical habitat and ecological systems is protected and restored.**

**B. Washington’s fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.**

**C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies:**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people’s use and enjoyment of natural resources.**

**C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department’s activities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objectives:**

**D. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable**

**Location**

City: Spokane

County: Spokane

Legislative District: 006

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	9,986,000				1,350,000
	<b>Total</b>	<b>9,986,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,350,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000663

Project Title: Spokane Hatchery Renovation

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	8,636,000			
	<b>Total</b>	<b>8,636,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000277

**Project Title:** Minter Hatchery Intakes

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000277

Project Title: Minter Hatchery Intakes

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 6

#### Project Summary

WDFW received capital funds in the 2015 -2017 Capital Budget Appropriations to develop a comprehensive pre-design plan for Minter Hatchery Intakes. This project is to repair the gravity and pumped intakes for the Minter Creek Hatchery to make them compliant with current federal and state fish screening and fish passage criteria. The Department seeks funds to construct replacement water intakes as developed in the recently completed pre-design plans. Minter Creek Hatchery produces 1.4 million fall Chinook, 800,000 spring Chinook, 500,000 Coho, and 2 million Chum salmon.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The upper intake, which is gravity fed, needs to be upgraded due to its age and collection capabilities. It lacks proper screening to exclude fish from entering the water system and being sent to hatchery ponds. There are wild Coho, Cutthroat, and Steelhead in the system.**

**The lower intake is a pumped intake with ineffective fish screens that allow fish to enter into the system. The overflow of the intake requires upgrades to improve worker safety and to meet current fish passage criteria.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This request will construct a safer operating space for employees and bring the intake system in to regulatory compliance for fish passage.**

**If not completed, the intake would remain non-compliant and leave in place a potential liability of worker safety.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This project supports the Department's strategic plan by conserving and protecting native fish. Through improved fish passage and preventing fish from entering the intakes, the Department will reduce hatchery impacts to natural spawning fish. This project will also allow the Department to improve an existing asset and reduce the deferred maintenance backlog.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele impacted by this proposal are Puget Sound Treaty Tribes, recreational, and commercial fishers. There are indirect benefits to small business who service and/or sell fishery related goods such as boats, motors, fishing gear, nets and other related fishing gear.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**The Department proposes to use State Building Construction Account funds for this project.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy. Self-sustaining levels.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000277

Project Title: Minter Hatchery Intakes

Project Class: Preservation

**Description**

**Strategies:**

Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.

Objective A. Fish, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.

Objective B. Hatcheries and public access sites are safe, clean, and effectively supported people's use and enjoyment of natural resources.

Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.

Goal3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.

Objective A. Conservation of fish and wildlife is widely supported by communities across Washington.

Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

**Strategy:**

Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.

Goal 4. Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objective D. Work environments are safe, highly functional, and cost-effective.

Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department's deferred maintenance backlog

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

Providing for safe passage of adult and juvenile salmonid passage is part of, and directly supports, the Puget Sound Recovery Plan.

**Location**

City: Gig Harbor

County: Pierce

Legislative District: 026

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	8,917,000		105,000	145,000	6,500,000
	<b>Total</b>	<b>8,917,000</b>	<b>0</b>	<b>105,000</b>	<b>145,000</b>	<b>6,500,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	2,167,000				
	<b>Total</b>	<b>2,167,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000277

**Project Title:** Minter Hatchery Intakes

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**Narrative**

This project would update an existing asset and is not expected to have an incremental impact on the operating budget.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000671

**Project Title:** Naselle Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000671

Project Title: Naselle Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 7

#### Project Summary

The Naselle Hatchery is in very poor condition; the water supply and drain lines have required a number of patch work repairs during the past two bienniums and are a high risk for failure. The asphalt and concrete ponds are crumbling and allow water and fish escapes from their intended rearing units. The existing water intakes from the Naselle River system do not comply with federal regulations and state guidelines to protect natural populations of anadromous and resident fish populations. A three phase effort to renovate the hatchery is necessary for continued use of the facility. The Naselle Hatchery produces 800,000 fall Chinook, 1.2 million Coho, 200,000 late Coho, 300,000 chum, and 75,000 winter steelhead trout.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request. **The Department needs to renovate Naselle Hatchery to maintain hatchery production into the Naselle River and the Willapa Bay Basin. Naselle Hatchery was constructed in 1980 and is currently deemed to be at high risk for catastrophic failure due to failing infrastructure. Additionally, new federal regulations and state standards for providing additional protection to natural spawning populations of salmonids require redesign and construction of in-river hatchery support facilities.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**Yes the project can be phased; the first phase includes the construction of a new Naselle River intake, backup generator, electrical upgrades, and construction of two settling ponds. Phase 2 will replace existing concrete raceways; two large asphalt release ponds with new concrete release ponds; construction of new water supply and drain lines; installing new intermediate fiber glass ponds; construction of new pollution abatement facilities; construction of new intake on Crusher Creek; installation of new bird predation structures; and site seep and runoff systems. Phase 3 will include the construction of the new adult fish facilities, new fishway, and upgrading of hatchery incubation systems.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Naselle Hatchery was constructed in 1980 and is currently deemed to be at high risk for catastrophic failure due to failing infrastructure. Additionally, new federal regulations and state standards for providing additional protection to natural spawning populations of salmonids require redesign and construction of in-river hatchery support facilities. By not making these improvements HSRG guidelines may not be met and our facility will continue to be out of compliance with both federal and state passage and screening requirements. The plan includes improved fish collection ponds to include a pre-sorting facility to enable staff to collect wild salmon for return to river and to remove hatchery fish to meet HSRG guidelines and reduce impacts to wild salmonids. Other upgrades are to construct 14, 10 X 100 raceways, 10, 20 X 120 raceways, two settling ponds to remove heavy silt, a new incubation building, a pollution abatement pond to meet current discharge requirements and new water distribution systems to incubation and all rearing units.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele impacted by this project are commercial and recreational fisheries that fish in southwest Washington, including the Naselle River, Willapa Bay and coastal waters. Small business owners in the area that sell fishing related gear and equipment also receive direct benefits. Additional benefits to local business owners include fuel stations, restaurants and lodging accommodations.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000671

Project Title: Naselle Hatchery Renovation

Project Class: Preservation

### Description

requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. **Naselle Hatchery intake is sinking and prone to sliding, both of which are reducing pump efficiency. A 2004 intake assessment found this intake fails to comply with federal and state fish screening and fish passage criteria and should be corrected. The proposed project fulfills the Hatchery Scientific Review Group (HSRG) principles and recommendations and contributes to rebuilding natural spawning populations of salmon and steelhead. There have been several evaluations over the years, Bogden Engineering in 2004, HSRG review and an internal review in 2011, and each review described the same issues.**

**Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B: Hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources.**

**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Strategies**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objective D: Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**A private consultant was hired to develop a predesign report for OFM and the report was delivered to OFM in late June of 2016. The report describes in detail each aspect of the renovation and gives several options for each item.**

### Location

City: Unincorporated

County: Pacific

Legislative District: 019

### Project Type

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000671

Project Title: Naselle Hatchery Renovation

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	23,948,000		132,000	143,000	8,000,000
	<b>Total</b>	<b>23,948,000</b>	<b>0</b>	<b>132,000</b>	<b>143,000</b>	<b>8,000,000</b>
		<b>Future Fiscal Periods</b>				
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	11,725,000	3,948,000			
	<b>Total</b>	<b>11,725,000</b>	<b>3,948,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000481

**Project Title:** Wooten Wildlife Area Improve Flood Plain

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000481

Project Title: Wooten Wildlife Area Improve Flood Plain

Project Class: Preservation

### Description

Starting Fiscal Year: 2016

Agency Priority: 8

#### Project Summary

The Wooten Wildlife Area Floodplain Management Plan (FMP) was developed by the Washington Department of Fish and Wildlife as an integrated, cross-program effort to improve conditions within the Tucannon floodplain. The FMP has two main goals: 1) enhancement of recreational fishing and camping opportunities and 2) protection and restoration of ecosystem functions of the Tucannon River floodplain. Accomplishment of these goals will improve spawning and rearing habitat for ESA listed fish while increasing recreational opportunities, resulting in increased revenue for the local economies and greater protection for public and private properties.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

The Department has a unique opportunity at this time to match capital funding for lakes improvements with federal BPA funds to improve conditions within the floodplain that will enhance both recreational opportunities and habitat for ESA listed fish. To address this opportunity an agency-wide, cross-program committee engaged in writing the Wooten Floodplain Management Plan (FMP) for the 17 miles of Tucannon River that is located within the boundaries of the Wooten Wildlife Area. The FMP is driven by several factors including the current condition of the Tucannon Lakes and associated infrastructure, and the increased focus on recovery of spring Chinook in the Tucannon River. The footprint of most of the Tucannon Lakes impedes upon the floodplain of the Tucannon River. Reconfiguration of the Lakes will reduce this footprint; enhancing habitat for ESA listed fish while at the same time improving the recreational fishing experience and opportunity. In addition other infrastructure issues will also be addressed including: associated roads, bridges and culverts, water intakes and Camp Wooten. Specific actions associated with Camp Wooten will be developed in cooperation with State Parks and the local community to improve and enhance facilities at this important Environmental Learning Center at this current location while reducing the impact on the floodplain and protecting the historical and cultural values of the Camp.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**2017-2019 Project Implementation Part 2.** (Final implementation of projects developed, designed and permitted under Phase 1)

- a. Public Outreach (ongoing)
- b. Deer Lake Construction
- c. Beaver-Watson Lake Construction
- d. 2019-2021 Project Design and Permitting
- e. Habitat Enhancement (Spending Authority-BPA)
- f. Additional Projects Developed Under Phase 2

**2019-2021 Project Implementation Part 2.** (Final implementation of projects developed, designed and permitted under Phase 1)

- a. Public Outreach (ongoing)
- b. Big Four Lake Decommissioning
- c. Spring Lake Construction
- d. Tucannon Powerline
- e. Habitat Enhancement (Tentative: Spending Authority-BPA)
- f. Additional Projects Developed Under Phase 3
- g. Habitat Enhancement (Spending Authority-BPA)
- h. Additional Projects Developed Under Phase 1

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000481

**Project Title:** Wooten Wildlife Area Improve Flood Plain

**Project Class:** Preservation

### Description

**3.** How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

BPA may fund up to \$1.3 million a year until 2018 to support restoration projects in the Tucannon watershed. Much of the work identified is on the Wooten Wildlife Area. The Department will compete for these funds and we are optimistic that the Department will receive funding if we contribute match funding to a portion of these projects.

The W.T. Wooten Wildlife Area covers approximately 16,000 acres in Columbia and Garfield counties and features eight lakes located along the Tucannon River. The Wooten Floodplain Management Plan has been driven by several factors, including the deteriorating condition of the Tucannon Lakes and associated infrastructure. and BPA and the Snake River Salmon Recovery Board are focusing on recovery of spring Chinook in the Tucannon River. The FMP team has identified lake rehabilitation as a priority, designed to improve and enhance recreation, reduce impacts to ESA listed species, and improve stream and floodplain function for the Tucannon River.

The current condition and configuration of the Tucannon Lakes ecologically impacts the Tucannon River floodplain function and requires constant maintenance. All but two lakes constrict the floodplain of the Tucannon River, causing channelization and incision of the river. All of the lakes drain back into the river, leading to increased water temperatures. The dikes/levees of all eight lakes are in violation of the Department of Ecology's Dam Safety requirements. The lakes retain sediment and have to be periodically dredged out. Six of the lakes rely on surface diversions from the Tucannon River. The current diversions have had periodic failure issues in recent years impacting both the recreational fishing opportunities and potentially endangering listed salmonids.

BPA has established funding through the Snake River Salmon Recovery Board to restore Spring Chinook habitat in the Tucannon River Basin. BPA will spend about \$1.3 million per year through 2018.

Restoration strategies and recommendations were developed based on limiting factors identified in the Tucannon Sub basin Plan, Snake River Salmon Recovery Plan, and the Tucannon River Geomorphic Assessment and Habitat Restoration Study. A prioritized list of projects developed from this review identified top-tiered projects, 75% of which are located within the Wooten Wildlife Area. Potentially, between six and nine million BPA dollars could be spent on habitat enhancement projects on the Wildlife Area between now and the end of the 2017-2019 Biennium.

**4.** Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

This request will enhance fishing, camping and other recreational uses on the Wooten Wildlife Area.

**5.** Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? No

**6.** Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

Yes, approximately \$500,000 per biennium of federal funds provided through BPA grants.

**7.** Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

This project supports the agency's strategic plan by enhancing fish rearing habitat for ESA listed fish. This project also enhances recreational fishing opportunities by increasing the number of fishing days in this area.

Goal 1: Conserve and protect native fish and wildlife

Objective C: Enhance and improve land and water stewardship to meet conservation goals

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000481

**Project Title:** Wooten Wildlife Area Improve Flood Plain

**Project Class:** Preservation

### Description

#### Strategies

Ensure department lands, fishways, screening structures, water intakes, dams and dikes are compliant with regulations

Goal 2: Provide sustainable fishing, hunting and other wildlife-related recreational experiences

Objective A: Increase the economic benefits and public participation derived from sustainable fish and wildlife opportunities

#### Strategies

Increase access to private lands to enhance hunting and wildlife viewing opportunities

This project supports the statewide results:

#### **Improve the quality of Washington's natural resources**

This project will protect the natural resources by protecting fish and wildlife, and their habitats. This project will also preserve, maintain and restore natural systems and landscapes.

#### **Improve the economic vitality of businesses and individuals**

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting fishing and hunting opportunities. By improving and repairing infrastructure and restoring and acquiring natural habitats, this project will ensure healthy, diverse and sustainable fish and wildlife populations for the residents in Washington State for social and economic benefit.

#### **Improve the safety of people and property?**

This project will reduce the potential of flooding and protect private and public property. This project could also prevent human and wildlife conflict, making highways safer and protecting Washington State's resources. By improving and repairing infrastructure and structures, the Department will preserve and protect existing state property.

#### **What are the specific benefits of this project?**

This request will enhance fishing, camping and other recreational uses on the Wooten Wildlife Area while improving habitat for fish and wildlife through the reduction of impacts to the floodplain. The Wooten Floodplain Management Plan (FMP) team has identified lake rehabilitation as a priority, designed to improve and enhance recreation, reduce impacts to ESA listed species, and improve stream and floodplain function for the Tucannon River. This Capital Request will help to accomplish this goal by developing, designing and implementing projects under the six initiatives identified in the FMP: 1) Lakes; 2) Campgrounds; 3) Roads/Water Crossings/infrastructure; 4) Habitat Enhancement; and 5) Outreach.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions N/A

9. Is there additional information you would like decision makers to know when evaluating this request?

The Wooten Wildlife Area Floodplain Improvement Capital Request was developed as a result of cross-program, agency-wide coordination on the Wooten Floodplain Management Plan (FMP). The goal of the FMP is to enhance fishing, camping and other recreational uses on the Wooten Wildlife Area while improving habitat for fish and wildlife by reducing floodplain impacts.

#### Location

**City:** Dayton

**County:** Columbia

**Legislative District:** 016

#### Project Type

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000481

Project Title: Wooten Wildlife Area Improve Flood Plain

Project Class: Preservation

**Description**

**Growth Management impacts**

This project is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	5,600,000		3,600,000		500,000
057-1	State Bldg Constr-State	21,584,000	478,000	422,000	1,600,000	6,000,000
	<b>Total</b>	<b>27,184,000</b>	<b>478,000</b>	<b>4,022,000</b>	<b>1,600,000</b>	<b>6,500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal	500,000	500,000	500,000		
057-1	State Bldg Constr-State	4,446,000	4,418,000	4,220,000		
	<b>Total</b>	<b>4,946,000</b>	<b>4,918,000</b>	<b>4,720,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000844

**Project Title:** Dungeness Hatchery - Replace Main Intake

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000844

Project Title: Dungeness Hatchery - Replace Main Intake

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 10

#### Project Summary

The most important element in operating a salmon hatchery is its water supply; clear, cool, and ample water is essential for a successful hatchery operation. The fairly recent listings of salmon throughout the Northwest has resulted in critical review of WDFW's existing hatchery infra-structure to determine and improve operations to be consistent with rebuilding natural spawning populations of salmon throughout the state. The Dungeness River has been identified as a watershed of importance with its unique chinook stocks and is essential for Puget Sound Recovery. Scientist from federal, state and tribal agencies have agreed to use Dungeness Hatchery as a critical piece to recovery Dungeness River chinook. To ensure compliance with Federal regulations and State guidelines, a new water intake structure has been an identified need for future operations of the Dungeness Hatchery to meet and comply with new fish passage and screening criteria. The proposed new intake will also provide a higher certainty for future water withdrawals for the Agnew Irrigation District. Dungeness hatchery produces 50,000 spring chinook for wild salmon recovery, 500,000 coho, 10,000 winter steelhead, and 120,000 pink salmon on odd years.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**Dungeness intake is not in compliance with federal standards for fish passage and screening and is currently located on adjacent landowner property.**

**There is a hazardous pipeline structure of concern that we own on adjacent landowner property.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**Bring hatchery and Agnew intakes into compliance with federal standards.**

**Renovation will combine both water users into one intake, bringing both into compliance and relocating to WDFW property.**

**Intake will provide increased efficiencies associated with withdrawal.**

**Hazardous structure will be removed.**

**A draft feasibility report/predesign report was written and filed in May of 2015.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Granting the request would bring WDFW into federal compliance for intake and screening and would move the intake to WDFW land ownership. Not taking action will result in the intake remaining on adjacent land and not conforming to federal standards for intakes and screening.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Anyone associated with natural resources in the state of Washington.**

**Agnew Irrigation District**

**Treaty tribes of Washington**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**NO**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None anticipated.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This program supports the strategic plan in several Goals, Objectives and Activities listed below;**

**Agency Goal - #1: Healthy and Diverse Fish and Wildlife Populations and Habitats**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000844

Project Title: Dungeness Hatchery - Replace Main Intake

Project Class: Preservation

**Description**

**Agency Objective - #3: Ensure Compliance with Regulations**  
**Agency Activity #11: Ensure WDFW Compliance with ESA and Other Government Regulations**  
**Performance Measure – B: Increase the percentage of hatchery programs operated in a manner consistent with federal ESA requirements.**  
**Agency Goal #2: Sustainable Fish and Wildlife –related Opportunities**  
**Agency Objective #6: Provide sustainable high quality fish and wildlife-related recreational and commercial opportunities while improving the economic well being of Washington, compatible with maintaining healthy fish and wildlife populations and habitats**  
**Agency Activity #18: Conduct fish and wildlife production activities.**  
**Performance Measure – B: Consistent with maximizing fishing opportunities while meeting wild stock restoration goals, increase the number of salmon smolt (in millions) released annually.**  
 8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
**This project relates to Puget Sound Recovery. Part of this program is supported by a grant from NOAA supporting at risk Chinook stocks in Puget Sound.**  
**Immediate benefits will be recognized for water budget and fish passage which contribute to NTA and PSAA.**

9. Is there additional information you would like decision makers to know when evaluating this request?  
**Dungeness Hatchery supports ESA listed Puget Sound Chinook stocks.**  
**Along with compliance and water budgeting efficiencies, this new design will greatly increase staff efficiencies and decrease staff overtime and hazardous work environments when responding to water conditions during icy, silting, turbid, and drought-like flows.**

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	3,536,000				3,536,000
	<b>Total</b>	<b>3,536,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,536,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000844

**Project Title:** Dungeness Hatchery - Replace Main Intake

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000276

**Project Title:** Samish Hatchery Intakes

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000276

Project Title: Samish Hatchery Intakes

Project Class: Preservation

## Description

Starting Fiscal Year: 2016

Agency Priority: 12

### Project Summary

The Department requests funds to rebuild the Samish River intake at Samish Hatchery to comply with current fish passage and fish screening requirements.

### Project Description

#### What is the proposed project?

This project will renovate the Samish River intake and fishway to comply with federal and state fish passage and fish screening criteria.

#### What opportunity or problem is driving this request?

The current intake and fishway do not meet current fish screen or fish passage criteria. The 2004 Intake Assessment recommended making modifications to correct the deficiencies of the existing intake. The project is consistent with HSRG recommendations to improve native fish populations throughout the Samish River basin.

#### How does the project support the agency and statewide results?

This project supports the Department's strategic plan by conserving and protecting native fish. Through improved fish passage and preventing fish from entering the intakes, the Department will reduce hatchery impacts to native fish. This project will also allow the Department to improve an existing asset and reduce the deferred maintenance backlog.

Goal 1: Conserve and protect native fish and wildlife

Objective A: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Strategies

Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.

Objective A: Fishing, hunting, wildlife viewing and other outdoor activities are enhanced and expended.

Objective B: Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.

Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.

This project supports the statewide results as follows:

#### Improve the quality of Washington's natural resources

This project will protect natural resources by protecting fish. The current intakes don't meet fish passage criteria and allows fish to enter the intakes. Correcting this intake will prevent fish loss.

#### Improve the economic vitality of businesses and individuals

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting fishing and hunting opportunities. By improving and repairing infrastructure, this project will ensure health, diverse and sustainable fish populations for the residents in Washington State for social and economic benefit.

#### Improve the cultural and recreational opportunities throughout the state

Through its fishing opportunities, the Department can provide stewardship of cultural and recreational assets while ensuring awareness and quality fishing opportunities. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish populations for the residents in Washington State for socioeconomic benefits.

#### What are the specific benefits of this project?

This project will allow the Department to become compliant with current fish screening and fish passage requirements at the

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000276

Project Title: Samish Hatchery Intakes

Project Class: Preservation

**Description**

Samish Hatchery.

**How will clients be affected and services change if this project is funded?**

This project may improve fishing opportunities and improve Chinook and steelhead recovery results in northern Puget Sound.

**How will other state programs or units of government be affected if this project is funded?**

Aside from permitting, this project is not expected to impact other state programs or units of government.

**What is the impact on the state operating budget?**

The Department does not anticipate any impacts to the operating budget.

**Why is this the best option or alternative?**

This project will allow passage of anadromous fish.

**What is the agency's proposed funding strategy for the project?**

The Department proposes to use State Building Construction Account funds for this project.

**Location**

City: Burlington

County: Skagit

Legislative District: 010

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	5,597,000		350,000	350,000	4,897,000
	<b>Total</b>	<b>5,597,000</b>	<b>0</b>	<b>350,000</b>	<b>350,000</b>	<b>4,897,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

This project, if funded, will renovate or replace an existing asset and is not expected to have additional impacts on the current operating budget.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000686

**Project Title:** Hoodsport Hatchery Adult Pond Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000686

Project Title: Hoodsport Hatchery Adult Pond Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2016

Agency Priority: 13

#### Project Summary

This project proposal is phase 2 of a project that received capital funds for predesign, design and permitting for the current 2015-17 Biennium. The Department will have the final design and the required documents to rebuild the old and failing shallow rearing ponds during the 2017-19 biennium. Rebuilding/replacing the old ponds will result in meeting new fish culture rearing standards, better fish and water inventories, and allow the Department to reduce risk of catastrophic future fish losses associated with ponds failures or loss of fish containment. New ponds will be deeper and higher above the ground allowing for lower fish densities. This will improve fish health and survival, as well as eliminate the risks associated with sea rise and "King Tides" which has resulted in premature releases of hatchery fish. These events prematurely release fish which results in very poor survivals and reduced contributions to fisheries throughout Hood Canal, Puget Sound, Straits of Juan de Fuca, and north coast fisheries. Hoodsport Hatchery produces 5 million Chinook, 15 million chum, and 500,000 pink salmon in odd years.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The current rearing ponds are over 50 years old and too shallow for optimal rearing and water use efficiencies. Ponds also have multiple cracks in walls, bottom and screen channels, allowing juveniles to pass between and under. Replacement of rearing ponds will provide for better utilization of space and water. King tides have also impacted rearing by overtopping ponds.**

**New ponds would result in lower rearing densities, especially those associated with fish marking abilities.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This project will replace deteriorating rearing ponds that require constant maintenance.**

**Fish will no longer be able to escape behind screens or swim between and under ponds.**

**We will be able to accurately monitor inventories during rearing, splitting, and planting.**

**Fish health and operational efficiencies will improve as well. The first phase of the project is being completed in the current biennium with the design and permit of the project.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**New rearing ponds would improve inventory issues; improve density concerns during mass marking and associated fish health; higher pond walls would keep King Tides and associated sediment from entering ponds; and increase water right efficiencies.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project will increase recreational and commercial fishing opportunities which have a positive impact to local economies and relations.**

**It will also add to Tribal net fisheries.**

**Non treaty commercial and recreational fisheries, Hoodsport Hatchery provides for a unique on-shore marine water recreational fishery for chinook, chum and pink salmon. Hoodsport Hatchery provides access to large numbers of returning salmon in a localizes area immediately adjacent to the rearing facilities, typically marine water fisheries are confined to a few public fish piers in Puget Sound or require a watercraft for access. Local business owners such as restaurants, general stores and hotels benefit from this unique fishery.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**NO**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000686

Project Title: Hoodsport Hatchery Adult Pond Renovation

Project Class: Preservation

**Description**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**The Department proposes to use State Building Construction Account funds for this project.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This project supports the Department's strategic plan by conserving and protecting native fish. Through improved fish handling practices, the Department will reduce hatchery impacts to native fish. This project will also allow the Department to improve an existing asset and reduce the deferred maintenance backlog.**

**Goal 1: Conserve and protect native fish and wildlife**

**Objective B: Washington's fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.**

**Strategies:**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies:**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences**

**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service**

**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**The Department's hatchery programs in Hood Canal contribute approximately 9.5 million dollars annually to the commercial and recreational related fisheries.**

**Objective C: The Department's decisions support communities through valuing, understanding, and evaluation input from stakeholders.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Water quality associated with the new ponds will be improved and aided by the pollution abatement ponds. Improved water quality in Hood Canal is a vital part of Puget Sound Recovery.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**With recent claim by Skokomish Tribe to the lower Skokomish River, recreational fishing has become greatly impacted. New ponds may contribute to increased recreational opportunities.**

**Location**

City: Unincorporated

County: Mason

Legislative District: 035

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000686

Project Title: Hoodsport Hatchery Adult Pond Renovation

Project Class: Preservation

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,456,000		450,000	250,000	4,756,000
	<b>Total</b>	<b>5,456,000</b>	<b>0</b>	<b>450,000</b>	<b>250,000</b>	<b>4,756,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000827

**Project Title:** Forks Creek Hatchery - Renovate Intake and Diversion

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000827

Project Title: Forks Creek Hatchery - Renovate Intake and Diversion

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 15

#### Project Summary

The Department requests funds to supplement a Washington Coast Restoration Initiative Grant that will fund 50% of the cost to renovate Forks Creek Hatchery to meet current fish passage and fish screening criteria, restore creek flow, and improve habitat. This project supports initiatives and goals outlined in the WDFW 2015-17 strategic plan, statewide and local recommendations by the Hatchery Scientific Review Group (HSRG), the Pacific County Strategic Plan for Salmon Recovery, and the Washington Coast Sustainable Salmon Plan. The request will improve fish passage by removing a fish passage barrier and improving another; improve stream habitat by removing in-stream structures and adding large woody debris; and upgrade a WDFW facility (Forks Creek Hatchery) to current state and federal standards for fish passage and screening by replacing current screens with compliant material and cleaning capabilities, and adding a fishway that would improve passage conditions for wild fish. This project would open 28 miles of spawning and rearing habitat for Chum, Chinook, and Coho salmon, Steelhead, and Cutthroat Trout.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

This project presents an opportunity to improve fish passage and stream habitat and upgrade a WDFW facility (Forks Creek Hatchery) to current state and federal standards. The request is a priority because WDFW is committed to removing/improving fish passage barriers and bringing facilities into compliance with National Oceanic and Atmospheric (NOAA) and WDFW fish passage and screening criteria (WDFW 2015-17 Strategic Plan).

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. The request will remove a fish passage barrier, improve another fish passage barrier, improve stream habitat conditions, and construct a fishway. Phase I of this project started in 2016 with a Washington Coast Restoration Initiative Grant, and the Capital Budget request would complete Phase II in 2017. Phases I and II are outlined below:

PHASE I – Washington Coast Restoration Initiative Grant, *Design and Partial Construction*

Complete design, by WDFW engineering consultant, due May 30, 2017

Apply for permits, by WDFW, June 30, 2016

Receive permits, by WDFW, March 30, 2017

Construction contract awarded, by WDFW, June 30, 2017

Construction complete, by contractor, October 30, 2017

Project Elements to be constructed during Phase I:

Upgrade pumps at lower intake

Replace 24" diam. supply piping with 30"

Upgrade screens at lower intake – meet current criteria with combined water right (25%)

Modify weir/fishway at lower intake to facilitate upstream passage when adults not being collected

Remove in-stream structures

Bank protection with LWD

Riparian planting

PHASE II – 2017-2019 Capital Funds, *Complete Construction*

Capital Funds awarded – June 30, 2017

Construction complete, by contractor, October 30, 2017

Project Elements to be constructed during Phase II:

Upgrade screens at lower intake – meet current criteria with combined water right (75%)

Screen cleaning system

Remove siphon intake

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000827

Project Title: Forks Creek Hatchery - Renovate Intake and Diversion

Project Class: Preservation

### Description

This project would:

- improve fish passage by removing a fish passage barrier and improving another,
  - improve stream habitat by removing in-stream structures and adding large woody debris, and
  - upgrade a WDFW facility to current state and federal standards for fish passage and screening by replacing current screens with compliant material and cleaning capabilities, and adding a fishway that would improve passage conditions for wild fish.
- No action could result in lawsuits from user groups (including tribal entities and federal agencies) or even hatchery closure. While regulatory agencies may be patient with WDFW's progress, outside groups may bring lawsuits to force compliance.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

Clientele impacted by this project are recreational and commercial fishers and business owners in Pacific County whose local economies depend on angling tourism dollars, particularly those who service and/or sell fishery related goods or process fish. Benefitting the Pacific County economy would in turn benefit the economy of Washington State. If the hatchery were to close due to failure to comply with state and federal fish passage and screening criteria, these dollars would be lost. Additionally, the Pacific County (WRIA 24) Strategic Plan for Salmon Recovery (2001) states that if critical habitat needs are restored, fish passage barriers are removed, and salmonid populations are increased, "then the Willapa community may see a return to viable natural spawning that will in turn support the Willapa region's historic fishing industry for all salmon species."

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

Yes, a Washington Coast Restoration Initiative Grant (managed by RCO) will complete a portion of the project (Phase I, as outlined in Question 3) – \$2,107,000.00

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

This project supports the following initiatives outlined in the WDFW 2015-17 strategic plan related to Goal 1 (Conserve and protect native fish and wildlife):

- *Initiative 28: Increase the miles of stream habitat re-opened to salmon and steelhead access from 350 to 450 miles by 2016.*
- *Initiative 29: Increase the number of fish passage barriers corrected per year from 375 to 500 by 2016.*

This project would open 28 miles of spawning and rearing habitat for Chum, Chinook, and Coho salmon, Steelhead, and Cutthroat Trout by removing one fish passage barrier and improving another fish passage barrier.

This project supports the following HSRG recommendations (HSRG 2014 – On the Science of Hatcheries):

- *Minimize adverse ecological interactions between hatchery- and natural-origin fish*

Improved adult collection capabilities will reduce the number of hatchery fish upstream of the facility that could potentially reduce fitness of wild fish through interbreeding.

- *Minimize effects of hatchery facilities on the ecosystem in which they operate*

This project would bring Forks Creek Hatchery into compliance with NOAA and WDFW fish passage and screening criteria, thereby protecting wild fish populations. Currently, some hatchery fish are able to pass above the hatchery weir at high flows, potentially reducing the fitness of wild fish populations through interbreeding.

This project supports the following HSRG recommendations (HSRG 2005 – Puget Sound and Coastal Washington Hatchery Reform Project, Willapa Bay):

- *Forks Creek Hatchery – improve the facility's adult collection capabilities to permit collections during high flows.*

This project would raise the hatchery weir approximately 2 feet, which would decrease the number of fish able to pass above the weir at high flows, therefore resulting in improved adult collections during high flows. Improved adult collection capabilities will reduce the number of hatchery fish upstream of the facility that could potentially reduce fitness of wild fish through interbreeding.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000827

Project Title: Forks Creek Hatchery - Renovate Intake and Diversion

Project Class: Preservation

**Description**

- *Provide screening and fish passage at all regional facility intakes.*  
This project would bring Forks Creek Hatchery into compliance with NOAA and WDFW fish passage and screening criteria, thereby protecting wild fish populations.
- This project addresses limiting factors outlined in the Pacific County (WRIA 24) Strategic Plan for Salmon Recovery (2001):
- *Low levels of large woody debris to store [spawning] gravels.*  
This project would add large woody debris, which will provide the river reach the ability to capture gravels.
- *Fish blockages.*  
This project would remove one fish passage barrier and improve another fish passage barrier.
- *Forks Creek is on the Washington State 303(d) List for exceeding water temperature.*  
New riparian plantings will lower stream temperature by providing shade.
- This project supports the following goal in the Washington Coast Sustainable Salmon Plan (2013):
- *Regional hatchery practices will not impair wild fish populations and, where appropriate, will help to protect them.*  
This project would bring Forks Creek Hatchery into compliance with NOAA and WDFW fish passage and screening criteria, thereby protecting wild fish populations. Currently, some hatchery fish are able to pass above the hatchery weir at high flows, potentially reducing the fitness of wild fish populations through interbreeding.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions.

This project is not linked to the Puget Sound Action Agenda. It does not take place in the Puget Sound area.

9. Is there additional information you would like decision makers to know when evaluating this request?

This project supports initiatives and goals outlined in the WDFW 2015-17 strategic plan, statewide and local recommendations by the Hatchery Scientific Review Group (HSRG), the Pacific County Strategic Plan for Salmon Recovery, and the Washington Coast Sustainable Salmon Plan. The request will improve fish passage by removing a fish passage barrier and improving another; improve stream habitat by removing in-stream structures and adding large woody debris; and upgrade a WDFW facility (Forks Creek Hatchery) to current state and federal standards for fish passage and screening by replacing current screens with compliant material and cleaning capabilities, and adding a fishway that would improve passage conditions for wild fish. This project would open 28 miles of spawning and rearing habitat for Chum, Chinook, and Coho salmon, Steelhead, and Cutthroat Trout.

**Location**

City: Raymond

County: Pacific

Legislative District: 019

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,425,000				2,425,000
	<b>Total</b>	<b>2,425,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,425,000</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000827

Project Title: Forks Creek Hatchery - Renovate Intake and Diversion

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**Narrative**

This project will renovate an existing hatchery intake and diversion.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000826

**Project Title:** Snow Creek Reconstruct Facility

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000826

Project Title: Snow Creek Reconstruct Facility

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 16

#### Project Summary

WDFW's "Snow Creek Resort" is perhaps the agency's most unique water access site. Due to its remoteness from other WDFW facilities, the site is managed through a contract with a private contractor. Features of the site have included a campground, restrooms and showers, a campground with full hookups, an office building and a slow sand surface water treatment plant. A number of issues have been encountered over the past few years related to aging and deteriorating facilities and the need for upgrades to satisfy legal requirements associated with the water system and dock/moorage features. Concerns also exist related to the current rail launch and a desire to replace it with an alternative method of launching boats. The project seeks to evaluate options and upgrade these features to a higher standard that will better serve the fishing public's needs in the area.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

Loss of function at this facility creates a potential loss or severely restricted access to important fisheries in the eastern portion of the Strait of Juan de Fuca. Moorage facilities, built long ago by a previous operator, have deteriorated and do not meet current standards. We lost the ability to provide dock moorage in 2016 due to failure of the pier that accessed docks. Other launch facilities in the vicinity are said to have increased launch and moorage fees this year, reportedly due to the loss of moorage at the Snow Creek site, impacting the general public. This is a very popular site. The campground has 80 campsites that are generally full during peak fisheries and day users use this site as well.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. The project is designed to define the best options to provide and improve launching and moorage facilities at the site and upgrades to the water system monitoring will be made to bring it into compliance with Department of Health standards. The first phases would include studying the feasibility of different boat launching and dock systems and upgrades to the water system monitoring which is a fairly straight forward project. Subsequent phases would include major construction items including a new dock system and boat launch. A feasibility study is needed first due to conditions at the site which are relatively complex due to wave action that must be addressed to assure user safety.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

Loss of WDFW's ability to provide launching and moorage at a reasonable cost in this area creates the potential of creating a monopoly with respect to fisheries in the area. Due to the political nature there is also the potential, albeit remote, that access could be essentially cut off to WDFW customers. Our goal is to provide reasonable access to this important saltwater fishery.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

This project is intended to provide fishing opportunity in the eastern Strait of Juan de Fuca. This is the only state owned facility in the area and its current loss of function has made accessing fisheries for halibut, salmon and other fish more difficult for WDFW customers. Customers voiced dissatisfaction this year with regard to the loss of moorage docks.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

Not likely, but there is a possibility that grant funds may be pursued. However, rankings in a grant completion for this site may be low due to the focus on one user group (fishermen) based on recent experience.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000826

Project Title: Snow Creek Reconstruct Facility

Project Class: Preservation

**Description**

The project focuses on the WDFW strategic goal of providing sustainable harvest opportunity. The Snow Creek facility is considered to be a strategic location to assure that fisheries in this area remain accessible to the public.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
N/A

9. Is there additional information you would like decision makers to know when evaluating this request?  
N/A

**Location**

City: Unincorporated

County: Clallam

Legislative District: 024

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,760,000				100,000
	<b>Total</b>	<b>3,760,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	800,000	2,860,000			
	<b>Total</b>	<b>800,000</b>	<b>2,860,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000685

**Project Title:** Fallert Creek Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000685

Project Title: Fallert Creek Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 17

#### Project Summary

Fallert Creek Hatchery is a key hatchery production contributor to Kalama and Lower Columbia River fisheries as well as Washington State Coastal fisheries. The existing facilities currently are old and reaching unserviceable condition and do not comply with current federal and state regulations and guidelines. Additionally the rearing ponds do not meet recommended state-of-the-art fish culture design criteria resulting in higher levels of stress, disease treatments, and lower survival rates. Constructing new hatchery infrastructure will allow continued operations of this hatchery into the future and assure compliance with state and federal regulations and guidelines, as well as improve fish culture practices resulting in more efficient and effective hatchery operations and fish survival.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**Fallert Creek Hatchery is essential to the current fish production on the Kalama River. It operates closely with the Kalama Falls Hatchery to produce 7 million fall Chinook, 300,000 coho, 500,000 spring Chinook, and 180,000 steelhead annually. The hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009). These programs support fisheries in Southeast Alaska, Canada, the Washington coast, the lower Columbia River and the Kalama River.**

**The current river intake was constructed in 1969 and is out of compliance with current National Marine Fisheries Service (NFMS) Guidelines for fish screening. Sediment is inundating the intake and could make it inoperable if not replaced. This intake is the main water supply for the hatchery.**

**The creek intake was also constructed in 1969 and is out of compliance with current National Marine Fisheries Service (NFMS) Guidelines for fish screening. It presents a barrier to fish passage on Fallert Creek.**

The ponds were built in 1969 and have degraded significantly resulting in poor holding conditions and loss of resource due to increasing fish health concerns.

**Failure of the river intake will pose operational issues for the hatchery. The pumps are from the original construction and have significant maintenance issues. Off the shelf parts are no longer available. The suction lines are in poor condition with heavy corrosion, dents, and dings. The Department also inspected the intake in 2003 and determined the intake didn't comply with screening criteria in the following areas: The profile bar screen openings exceed the maximum allowable of 1.75 mm (1/16"). Gaps around the screens and on the top of the structure exceed 1.75 mm.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This request would rebuild two intakes and renovate the existing ponds consisting of eight raceways, one earthen rearing pond, and one asphalt pond used for adults and juveniles. A preliminary design for the river intake has already been commissioned. A design for the renovation of the existing ponds and creek intake is needed. The renovation of the ponds could be phased if necessary however it would not be preferred. The construction of the intakes cannot be phased.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Completion of this project will increase the survival of fish through improved upstream and downstream fish passage. Replacing the intakes will allow the Department to be in compliance with the Clean Water Act criteria, meet co-managers Salmonid Disease Control Policy obligations, comply with Federal fish passage and screening criteria and regulations, comply with approach velocity criteria, and meet hatchery reform goals.**

**Rebuilding the facility ponds will support the agency's goal of providing sustainable fisheries into the future.**

**Failure to address these projects could lead to regulatory issues that may affect operation of the facility and increase**

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000685

Project Title: Fallert Creek Hatchery Renovation

Project Class: Preservation

### Description

**the loss of the state's resources. See below for further economic impact.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project, if funded, will improve recreational and commercial harvests through increased survival of fish. The hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009).**

Also see: NOAA Mitchell Act Program website:

<http://www.nwr.noaa.gov/Salmon-Harvest-Hatcheries/Hatcheries/Mitchell-Act-Programs.cfm>

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**No**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This project supports the agency strategic plans as follows:**

**Goal 1. Conserve and protect native fish and wildlife**

**A. Improve conservation practices to enhance protection and restoration of fish and wildlife**

**B. Increase protection and restoration of ecosystem functions**

**C. Promote and improve compliance with natural resource laws**

**D. Enhance and improve land stewardship and asset management to meet conservation goals**

**Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences**

**A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities**

**B. Expand access for hunting, fishing, and other wildlife recreational experiences**

**Goal 4. Use sound business practices and maintain a dedicated workforce**

**B. Improve business systems to meet federal and state standards and best practices**

**E. Effectively and efficiently manage agency assets**

**This project will support the following statewide results:**

**Improve the quality of Washington's natural resources**

**This project will protect the natural resources by protecting fish and wildlife and their habitats**

**Improve the economic vitality of business and individuals**

**Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.**

**Improve cultural and recreational opportunities throughout the state**

**This project will prevent the loss of fish and improve fishing for recreational use.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**NA**

9. Is there additional information you would like decision makers to know when evaluating this request?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000685

Project Title: Fallert Creek Hatchery Renovation

Project Class: Preservation

**Description**

**Location**

City: Kalama

County: Cowlitz

Legislative District: 020

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing facility and does not expect growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	12,027,000				200,000
	<b>Total</b>	<b>12,027,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
		<b>Future Fiscal Periods</b>				
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	2,100,000	9,727,000			
	<b>Total</b>	<b>2,100,000</b>	<b>9,727,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000665

**Project Title:** Hazard Fuel Reductions, Forest Health and Ecosystem Improvement

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000665

Project Title: Hazard Fuel Reductions, Forest Health and Ecosystem Improvement

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 18

#### Project Summary

WDFW requests funding to reduce severe wildfire risk and increase forest resiliency through fuels reduction, thinning, fuel break creation, and prescribed burning. These activities are needed on wildlife areas throughout Eastern Washington to restore Washington forests to their native conditions. WDFW has 100,000 acres of forest land; primarily located along the east slope of the Cascades, NE Washington, and the Blue Mountains; in immediate need of treatment to reduce risk of catastrophic fire, improve forest health and habitat, and improve public health and safety. WDFW would like to treat 10,000 acres per year for 10 years to address this backlog. Following treatment, WDFW would prescribe burn up to 7,000 acres per year to maintain healthy, fire resilient forest conditions.

#### Project Description

**1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)**

Prolonged fire suppression and forest management activities by previous owners have created overstocked forests that are prone to uncharacteristically intense wildfires as well as insect and disease outbreaks. They also provide reduced habitat quality, especially for priority species.

Fire has been withheld from fire dependent ecosystems for over 100 years resulting in degraded, unhealthy conditions. Overstocked, dry ponderosa pine and mixed conifer forests are susceptible to severe wildfires, disease, and insect infestations. The Public Lands Commissioner has declared a Forest Health Hazard Warning for certain eastern Washington Forests.

Fire is an integral component of Eastern Washington's Ecosystem's and associated habitats and is essential to create and sustain conditions necessary for healthy habitats and associated fish and wildlife.

The project to reduce fuel hazards, restore forest health, and improve ecosystems degraded by prolonged fire exclusion will do the following: reduce insect and disease problems, especially on wildlife areas within DNR-designated Forest Health Hazard Warning Areas where landowners are strongly encouraged to actively restore forests before conditions become so bad that forest health hazard orders must be issued to force landowners to treat forests; reduce elevated risks to life and property both on wildlife areas and in nearby communities where wildfire behavior would likely be severe; improve habitat quality for wildlife dependent on healthy dry forests; improve recreational opportunities by improving game habitat quality and reducing the likelihood of wildfire-related closures that restrict public access.

**2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.**

This project includes forest restoration thinning and prescribed burning to restore forest structure, improve habitat quality and reduce the risk of damage due to insects, disease and wildfire. It will also reduce the risks to life and property due to wildfires.

**3. How would the request address the problem or opportunity identified in question #1? What would be the result of**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000665

Project Title: Hazard Fuel Reductions, Forest Health and Ecosystem Improvement

Project Class: Preservation

### Description

not taking action?

Excess trees and would be removed leaving healthy, resilient forests where wildfires, insects and diseases are no longer abnormally intense. Habitat quality will improve and the risks to firefighters and nearby communities are greatly reduced.

Without action WDFW's forests would continue burn in intense megafires. Without action WDFW's forests would continue to be vulnerable to increasingly intense outbreaks of insects and disease that further degrade forests.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

The public would have healthier forests to enjoy when recreating on WDFW lands. Adjacent landowners would have reduced risks associated with wildfire and damage to their forests via insects and disease. Additionally wildfires that do occur will be much easier to control.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

No, but federal and private funds contribute to complimentary work.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

This projects contributes to our mission preserve, protect and perpetuate fish and wildlife as well as wildlife related recreation on WDFW lands.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

Not applicable

9. Is there additional information you would like decision makers to know when evaluating this request?

This project would also reduce wildfire impacts such as 1) Smoke impacts to communities and 2) Protecting firefighters - Three firefighters died protecting homes near WDFW lands in 2015 Project work and wood products would benefit local economies.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000665

Project Title: Hazard Fuel Reductions, Forest Health and Ecosystem Improvement

Project Class: Preservation

**Description**

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	59,934,000				11,934,000
	<b>Total</b>	<b>59,934,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,934,000</b>

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	12,000,000	12,000,000	12,000,000	12,000,000
	<b>Total</b>	<b>12,000,000</b>	<b>12,000,000</b>	<b>12,000,000</b>	<b>12,000,000</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000662

**Project Title:** Cooperative Elk Damage Fencing

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000662

Project Title: Cooperative Elk Damage Fencing

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 19

#### Project Summary

Provide cooperative deer and elk damage prevention fencing through a cost share program with private landowners statewide. Also replace over 5 miles of elk control fence on WDFW property where the posts are rotten and the woven wire is brittle to prevent private crop damage and allow sustaining the elk herds at population objectives identified in herd management plans. Replace, where feasible, with new metal-style fence that doesn't rot and has a higher level of fire resistance.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**Replacement of the sections of elk control fencing on WDFW property will keep elk from depreddating private agricultural lands and keep cattle from trespassing onto the wildlife area. Further, deer and elk population objectives are difficult to achieve without the cooperation of private landowners. Many times, private property can be damaged which reduce landowner tolerance for wildlife on their property and cost-share fencing are an effective preventative tool in many situations. These damage prevention fences will help the state achieve population objectives and maintain healthy deer and elk populations in the face of increasing human population and corresponding development.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This project proposal will continue our efforts to implement a cooperative fencing program with landowners who experience chronic crop damage caused by deer and elk. We have experience implementing projects with private landowners in several counties, including but not limited to Skagit, Douglas, Chelan, Kittitas, and Yakima. Typically, the state provides materials and some volunteer workers and the landowner contributes labor for installation. In addition, funding would be used to replace elk control fence on existing WDFW property in Yakima and Kittitas counties, some of which is on steep, rocky ground and requires special building materials. Existing wooden fence posts and wire will need to be removed and, where feasible, will be replaced with metal posts, which will be pounded or drilled into place using an excavator, and new woven wire installed.**

**By replacing deteriorating fences and building fences through cooperative agreements with private landowners, WDFW would be able to help reduce deer and elk impacts to privately owned crops. Without funding, department options to help landowners avoid damage are severely limited and will likely result in increased crop damage claims. According to RCW, landowners can receive up to \$10,000 per crop loss claim, and even more through an appeals process. While compensation is provided, the tolerance for deer and elk on private lands will continue to decline.**

3. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**The largest positive impact would be felt by private landowners because it is their crops that are at risk. Whether the fencing is a cost-share fence on private property or a boundary fence on WDFW lands, both are designed to protect private property from the impacts of deer and elk. Work could be done statewide, but known high-priority counties include Skagit, Yakima, Kittitas, and Chelan counties.**

4. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **No**

5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **No**

6. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Building and maintaining fences designed to minimize deer and elk impacts to crops would support Goal 1 (Conserve and protect native fish and wildlife), Goal 2 (Provide sustainable fishing, hunting, and other wildlife-related recreational**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000662

Project Title: Cooperative Elk Damage Fencing

Project Class: Preservation

**Description**

*and commercial experiences*), and Goal 3 (*Promote a healthy economy, protect community character, maintain and overall high quality of life, and deliver high- quality customer service*) of the WDFW Strategic Plan. Fencing projects designed to protect private crop land allows the agency to manage for higher numbers of deer and/or elk, which results in increase conservation, increased hunting opportunities, increased “watchable” wildlife opportunities, and increased expenditures in local communities. In addition, reduced crop depredation results in increased economic gains by producers.

This proposal also helps the agency meet Objective 20 in the 2015-2021 Game Management Plan where there are strategies to provide landowners with materials and assistance to proactively address damage issues. Without these resources, a key preventive tool is not available.

7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions **N/A**

8. Is there additional information you would like decision makers to know when evaluating this request? **NO**

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,200,000				1,200,000
	<b>Total</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Schedule and Statistics**

Start Date                      End Date

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000662

Project Title: Cooperative Elk Damage Fencing

Project Class: Preservation

**Schedule and Statistics**

	<u>Start Date</u>	<u>End Date</u>
Predesign		
Design	7/1/2015	8/1/2015
Construction	8/1/2015	6/1/2017
	<b><u>Total</u></b>	
Gross Square Feet:	10	
Usable Square Feet:	0	
Efficiency:	0.0%	
Escalated MACC Cost per Sq. Ft.:	106,530	
Construction Type:	Other Schedule C Projects	
Is this a remodel?	No	
A/E Fee Class:	C	
A/E Fee Percentage:	8.85%	

**Cost Summary**

	<u>Escalated Cost</u>	<u>% of Project</u>
<b>Acquisition Costs Total</b>	<b>0</b>	<b>0.0%</b>
<b>Consultant Services</b>		
Pre-Schematic Design Services	0	0.0%
Construction Documents	0	0.0%
Extra Services	0	0.0%
Other Services	29,227	2.4%
Design Services Contingency	0	0.0%
<b>Consultant Services Total</b>	<b>29,227</b>	<b>2.4%</b>
<b>Maximum Allowable Construction Cost(MACC)</b>	<b>1,065,300</b>	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	1,065,300	88.8%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	84,159	7.0%
<b>Construction Contracts Total</b>	<b>1,149,459</b>	<b>95.8%</b>
<b>Equipment</b>		
Equipment	0	0.0%

**477 - Department of Fish and Wildlife  
Capital Project Request**

2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000662

Project Title: Cooperative Elk Damage Fencing

Project Class: Preservation

**Cost Summary**

	<u>Escalated Cost</u>	<u>% of Project</u>
<b>Equipment</b>		
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
<b>Equipment Total</b>	<u>0</u>	<u>0.0%</u>
<b>Art Work Total</b>	0	0.0%
<b>Other Costs Total</b>	0	0.0%
<b>Project Management Total</b>	21,312	1.8%
<b>Grand Total Escalated Costs</b>	<u><u>1,199,998</u></u>	
<b>Rounded Grand Total Escalated Costs</b>	1,200,000	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000847

**Project Title:** Marblemount Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000847

Project Title: Marblemount Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 20

#### Project Summary

Marblemount Hatchery is located in Skagit County in the Skagit River watershed. The hatchery was originally constructed in 1946. The original earthen bottom adult fish holding pond and spawning facilities, as well as the rearing channels are all in very poor condition and very outdated. Additionally the hatchery facility is not equipped with pollution abatement facilities to ensure compliance with federal and state clean water act regulations. This project is for the design and construction of new adult fish holding, spawning, and passage facilities, new concrete raceways for fish rearing, and new pollution abatement facilities to vacuum clean fish waste associated with this hatchery's fish rearing programs.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Marblemount Hatchery rears and releases 580,00 Spring Chinook, 230,000 Summer Chinook, approximately 2 million coho for release in system and transfer to net pens for release within Puget Sound, 125,000 chum, and over 400,000 trout each year. Existing adult fish facilities are poor and outdated that result in higher prespawning mortality of adult salmon, rearing channels are crumbling condition and difficult for fish inventory, feeding and pond cleaning. New raceways will result in improved rearing conditions which will increase overall survival of fish reared at Marblemount Hatchery.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This request will all occur on the existing hatchery grounds. The department is requesting that this project be phased. Phase 1 is requested for the 2017-19 Biennium and includes design and securing required environmental permits. Phase 2 is for the construction of new ponds and related infrastructure during the 2019-21 Biennium.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **New construction would replace poor condition and outdated ponds and construct a new pollution abatement facility. Since the rearing channels are becoming a high risk for catastrophic fish loss, reductions in the anadromous fish rearing programs would be required.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele directly impacted by this project are recreational and tribal fishers, as well commercial fishers. Small business owners who sell direct and indirect fishing related activities and goods benefit from fish plants into the Skagit river Basin and throughout Puget Sound. Also impacted are those groups that have interest in fish recovery efforts in Puget Sound as the new facilities will improve handling and expedite returning natural spawning Steelhead, Bull Trout, coho, and Chinook species back into the river for spawning.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**No.**
7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000847

Project Title: Marblemount Hatchery Renovation

Project Class: Preservation

**Description**

This project supports the agency strategic plans as follows:

**Goal 1. Conserve and protect native fish and wildlife**

**A. Improve conservation practices to enhance protection and restoration of fish and wildlife**

**B. Increase protection and restoration of ecosystem functions**

**C. Promote and improve compliance with natural resource laws**

**D. Enhance and improve land stewardship and asset management to meet conservation goals**

**Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences**

**A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities**

**B. Expand access for hunting, fishing, and other wildlife recreational experiences**

**Goal 4. Use sound business practices and maintain a dedicated workforce**

**B. Improve business systems to meet federal and state standards and best practices**

**E. Effectively and efficiently manage agency assets**

This project will support the following statewide results:

Improve the quality of Washington's natural resources

This project will protect the natural resources by protecting fish and wildlife and their habitats

Improve the economic vitality of business and individuals

Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.

Improve cultural and recreational opportunities throughout the state

This project will prevent the loss of fish and improve fishing for recreational use.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions **Yes, improved hatchery practices and improved water quality resulting from this proposed project.**

**Location**

City: Unincorporated

County: Skagit

Legislative District: 039

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect growth management impact.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,866,000				1,000,000
	<b>Total</b>	<b>4,866,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	3,866,000				
	<b>Total</b>	<b>3,866,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000847

**Project Title:** Marblemount Hatchery Renovation

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**Narrative**

The Department is renovating an existing asset and does not expect any operating impact.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000848

**Project Title:** Kalama Falls Hatchery Replace Raceways and PA System

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000848

Project Title: Kalama Falls Hatchery Replace Raceways and PA System

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 21

#### Project Summary

The Kalama Hatchery provides the cornerstone production for the lower Columbia River commercial and recreational fisheries for Washington State fishers. Hatchery reared salmon released from this facility not only contribute in high numbers to the freshwater fishers but contributes at a high rate to our coastal fisheries such as Ilwaco, Westport, LaPush and Neah Bay ports. The proposed project replaces and modernizes the old, failing, and outdated designed infrastructure to meet current fish rearing guidelines. The project will reduce the risk for catastrophic fish loss and improves overall survival and contribution of fish reared and released from this facility.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The existing raceways were built in 1959 and are at the end of their design life. Multiple cracks throughout the structures compound fish health issues and complicate inventories. The drain pipes are rusting and are compromised in numerous locations. Additionally the facility is undergoing a remodel that will require re-use water to be pumped to the downstream holding ponds. Renovation would allow these ponds to feed the lower raceways via gravity, saving operations dollars while increasing reliability.**

**The pollution abatement pond was built in the mid-seventies and was not designed to capture the entire facility effluent. A replacement is needed to meet State and Federal NPDES regulations.**

**In conjunction with the Fallert Creek hatchery, Kalama Falls produces 7 million fall Chinook, 300,000 coho, 500,000 spring Chinook and 180,000 steelhead annually. The hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009). These programs support fisheries in Southeast Alaska, Canada, the Washington coast, the lower Columbia River and the Kalama River.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This request would design and rebuild the 12 existing raceways and pollution abatement pond. The raceways and the pollution abatement pond could be phased if necessary, although it is not the preferred option.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Completion of this project will increase the survival of fish, meet co-managers Salmonid Disease Control Policy obligations, and will support the agency's goal of providing sustainable fisheries into the future.**

**Replacing the pollution abatement pond will allow the Department to be in compliance with the Federal and State regulations associated with Clean Water Act.**

**Failure to address these projects could lead to regulatory issues that may affect operation of the facility and increase the loss of the state's resources. See below for further economic impact.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project, if funded, will improve recreational and commercial harvests through increased survival of fish. The hatchery programs on the Kalama River generate \$2.8 million dollars annually to local personal income (TCW Economics 2009).**

**Also see: NOAA Mitchell Act Program website:**

**<http://www.nwr.noaa.gov/Salmon-Harvest-Hatcheries/Hatcheries/Mitchell-Act-Programs.cfm>**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**No**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **No**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000848

Project Title: Kalama Falls Hatchery Replace Raceways and PA System

Project Class: Preservation

**Description**

7. Describe how the project supports the agency’s strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This project supports the agency strategic plans as follows:**

**Goal 1. Conserve and protect native fish and wildlife**

- A. Improve conservation practices to enhance protection and restoration of fish and wildlife
- B. Increase protection and restoration of ecosystem functions
- C. Promote and improve compliance with natural resource laws
- D. Enhance and improve land stewardship and asset management to meet conservation goals

**Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences**

- A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities
- B. Expand access for hunting, fishing, and other wildlife recreational experiences

**Goal 4. Use sound business practices and maintain a dedicated workforce**

- B. Improve business systems to meet federal and state standards and best practices
- E. Effectively and efficiently manage agency assets

**This project will support the following statewide results:**

**Improve the quality of Washington’s natural resources**

**This project will protect the natural resources by protecting fish and wildlife and their habitats**

**Improve the economic vitality of business and individuals**

**Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.**

**Improve cultural and recreational opportunities throughout the state**

**This project will prevent the loss of fish and improve fishing for recreational use.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

NA

9. Is there additional information you would like decision makers to know when evaluating this request?

**Location**

City: Kalama

County: Cowlitz

Legislative District: 020

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000848

Project Title: Kalama Falls Hatchery Replace Raceways and PA System

Project Class: Preservation

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	7,463,000				1,000,000
	<b>Total</b>	<b>7,463,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	6,463,000				
	<b>Total</b>	<b>6,463,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department is renovating an existing asset and does not expect any operating impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000845

**Project Title:** Washougal Hatchery - Rehab Adult Handling Facility

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000845

Project Title: Washogual Hatchery - Rehab Adult Handling Facility

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 23

#### Project Summary

This request is for Washogual Hatchery located in Skamania County on the Washogual River. The hatchery was constructed in 1957-58. This project is for the demolition of the existing adult fish holding pond and construction of a new concrete pond(s), adult fish collection, holding, and spawning facility. The existing adult holding pond is asphalt and in poor condition, has poor water flow patterns, and was not constructed in a manner that provides efficient access to returning adult salmon. These operational limitations have resulted in prespawning mortalities of returning adult fish to unacceptable levels; some years this mortality rate has approached 40 percent. Construction of new standardized adult collection, holding, and spawning facilities will greatly reduce prespawning mortality, improve staff efficiency in capturing adult fish, and improve fish handling procedures that occurs with fish spawning activities.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The prespawning mortality for adult fish returning to Washogual Hatchery are excessive and are the direct result of having outdated facilities that are in failing condition and are not conducive to good fish culture practices. Washogual Hatchery releases 4.7 million chinook, 3.1 million coho, and over 500,000 chum each year. Washogual provides for specific salmon recovery supplementation programs and goals, as well as directed fishery opportunities within the watershed, lower Columbia River, and coastal marine waters for both recreational and commercial fishers.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The project will include new adult fish collection, holding, and spawning facilities to be constructed within the existing hatchery footprint. The Department is requesting for this project to not be phased. The Department has developed new standardized designed adult fish facilities that meet all current good fish culture standards to be "plugged in place" at Washogual Hatchery.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **New designed and constructed adult fish holding facilities will result in reduced adult fish stress and prespawning mortalities and improved staff working conditions. No action will result in continued high stress levels to returning adult salmon which will reduce egg viability and high levels of adult fish prespawning mortality. At some time in the not too distant future, the basic integrity of the existing adult facilities will ultimately fail due to deterioration.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele impacted by this project are recreational and commercial fishers who fish the watershed, lower Columbia River, and marine waters off Washington's coast, especially Westport, liwaco, and La Push. Other impacts include small business owners that sell fishing-related gear, charter and guide boats, boat retailers and service shops, lodging and restaurants, many located in rural communities in Southwest Washington. Estimated economic value is slightly more than \$1.1 million annually.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000845

Project Title: Washougal Hatchery - Rehab Adult Handling Facility

Project Class: Preservation

**Description**

None

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objectives:**

**D. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

**Location**

City: Unincorporated

County: Skamania

Legislative District: 014

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will be renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,079,000				
	<b>Total</b>	<b>5,079,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000845

Project Title: Washougal Hatchery - Rehab Adult Handling Facility

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	5,079,000			
	<b>Total</b>	<b>5,079,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000668

**Project Title:** Ringold Hatchery - Replace Pipelines

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000668

Project Title: Ringold Hatchery - Replace Pipelines

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 24

#### Project Summary

This proposal is to replace the Ringold Hatchery's water supply line. The existing pipeline is over 50 years old and in very poor condition and has developed major water leaks. The Ringold Springs Hatchery located on the Columbia River near the Tri-Cities plays a pivotal role in fisheries on the Columbia River. The hatchery currently raises 3.5 million fall Chinook, 180,000 summer steelhead, and supports tiger muskie. The summer steelhead and the fall chinook fisheries in the Hanford Reach are very popular and are supported by many of our user groups and constituents including treaty tribal, commercial and recreational fishers. The steelhead program has evolved over the years from just a smolt acclimation site to a facility that now collects adults, spawns, and raises yearling steelhead smolts for release. These changes came about in part due to requirements of the Endangered Species Act and the need to use locally adapted stocks to minimize impacts to the listed Upper Columbia River wild steelhead. Any facility that is using a water supply system that doesn't meet strict performance standards is truly asking for trouble and assuming the risk of catastrophic fish loss. The gravity, main water supply pipeline failure not only puts fish production at risk, but also puts hatchery infrastructure at risk from erosion.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The existing water supply pipeline is an above ground, corrugated steel pipeline that dates back to the early 1960's. The joints are held together with compression fittings with ground support made of pressure-treated wooden cradles or saddles. The joints are failing and the wood support structures have outlived their useful life and are deteriorating.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project will replace the existing pipeline with new construction and specifications to meet the needs of the facility. Pipeline replacement will be constructed during the 2019-21 Biennium.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This project will remove the risk associated with a catastrophic failure of the gravity flow pipeline that would certainly lead to significant fish loss because of interruption of flow to the raceways and rearing ponds.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This will impact the fishing public and those that spend their time fishing for steelhead, fall chinook, trout, and tiger muskie. The economic value that this facility provides is very important to the local community. Salmon and steelhead released from Ringold Hatchery contribute to recreational treaty tribal and commercial fisheries from Ringold to the mouth of the Columbia River. Small business owners that sell or provide fishing gear, boats, motors and repairs, local restaurants, lodging and camp site providers, ports, moorage, fishing guides and charters, as well as other fishing related goods and services providers benefit from this request.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**Not Applicable**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **None identified at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The agency's mission is "preserve, protect, and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities". The Department's Strategic Plan identifies the goal of providing sustainable fishing opportunities and this facility contributes directly to that goal by producing fall chinook and steelhead that support directed fisheries from the mid-Columbia River to the mouth for treaty tribal, recreational**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000668

Project Title: Ringold Hatchery - Replace Pipelines

Project Class: Preservation

**Description**

and commercial fishers.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not Applicable**

9. Is there additional information you would like decision makers to know when evaluating this request?

Location information is required for each project. Latitude, Longitude, County, City and Address (if possible).

**Location**

City: Mesa

County: Franklin

Legislative District: 009

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,642,000				
	<b>Total</b>	<b>1,642,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Future Fiscal Periods</b>				
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	1,642,000				
	<b>Total</b>	<b>1,642,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000828

**Project Title:** Chelan Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000828

Project Title: Chelan Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 25

#### Project Summary

The Chelan Hatchery Renovation Project is to replace this hatchery's infrastructure built in the 1930's. Many of the ponds are in failing condition, leak water and fish. Water supply and drain lines are in poor condition and need to be replaced and the hatchery building needs to be remodeled. The proposed project would replace the existing hatchery's water supply and drain lines, demolish and replace rearing ponds and ensure the existing hatchery building meet today's standards, codes, and safety compliance.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Chelan Hatchery produces over 1.8 million trout, 3,550 sturgeon, and incubates 160,000 summer steelhead annually. Trout reared at this facility are planted in lowland lakes in Douglas, Chelan, Okanogan, and Kittitas Counties. Steelhead incubated at this facility provides for steelhead marked selective fisheries located in the Mid-Columbia River tributaries such as the Wenatchee River. Sturgeon reared at this facility are released in the Mid-Columbia River dam pools. All fish reared at this facility are primarily directed to create and ensure future recreational fishing opportunities in the aforementioned counties.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The proposal would demolish the existing old and failing rearing ponds and water lines, and remodel the existing hatchery/incubation building. The proposed project is expected to occur on the existing hatchery property. The proposed project is phased; phase 1 is being requested in the 2019-21 biennium for predesign, design, and permits. Phase 2 for facility construction is being requested in the 2021-23 biennium.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **The project will replace failing hatchery infrastructure to ensure and secure continued future fish production at this facility. If not funded, at some time in the future, rearing fish at this facility will be deemed too risky to continue, resulting in loss or severe reductions in recreational fishing opportunities in Central Washington State.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele impacted by this request include local small business owners that cater to outdoor enthusiasts that enjoy recreational fishing opportunities in the region. Many of these are small businesses that sell fishing gear, food and supplies, boating accessories, and other related services such as camping sites and motels. Economic value associated with the Chelan Hatchery production is over 30 million dollars annually based on estimated angler day trips at \$50.00 a day.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **No.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000828

Project Title: Chelan Hatchery Renovation

Project Class: Preservation

**Description**

B. Hatcheries and public access sites are safe, clean, and effectively support people’s use and enjoyment of natural resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care

Objectives:

A. Conservation of fish and wildlife is widely supported by communities across Washington.

B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department’s activities.

C. The Department’s decisions support communities through valuing, understanding, and evaluating input from stakeholders.

Strategies:

Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.

Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objectives:

A. Work environments are safe, highly functional, and cost-effective.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

Not applicable.

9. Is there additional information you would like decision makers to know when evaluating this request?

**Location**

City: Chelan

County: Chelan

Legislative District: 012

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect any impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	10,447,000				
	<b>Total</b>	<b>10,447,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	1,000,000	9,447,000			
	<b>Total</b>	<b>1,000,000</b>	<b>9,447,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000828

**Project Title:** Chelan Hatchery Renovation

**Project Class:** Preservation

---

**Operating Impacts**

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000830

**Project Title:** Hurd Creek - Relocate Facilities out of Floodplain

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000830

Project Title: Hurd Creek - Relocate Facilities out of Floodplain

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 27

#### Project Summary

Recent changes in the Dungeness River channel have put the Hurd Creek Hatchery at high risk for catastrophic facility and hatchery produced salmon loss. Hurd Creek is a critical rearing facility integrated into the Puget Sound Recovery Chinook Recovery Plan. This facility is currently supplied with pathogen free water and Dungeness River Basin water and is utilized for the incubation and early rearing for both Dungeness River Chinook and Elwha River Chinook, both stocks identified as critical stocks for recovery in the Puget Sound ESU. The primary purpose of this hatchery program is to supplement native stocks of fish back into their river of origin to help rebuild natural spawning populations within their respective native rivers. The proposed project moves/rebuilds the existing infrastructure within the existing hatchery grounds footprint, but to higher elevations out of the flood plain.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The purpose of this project is to move the Hurd Creek Facility to higher ground away from current path of the Dungeness River. Hurd Creek Facility's primary purpose is to support restoration efforts for ESA listed Elwha Chinook and Dungeness Spring Chinook.**

**Recent flood has topped rearing ponds allowing Elwha Chinook to escape into the Dungeness River.**

**Production wells are vulnerable to flooding. DOE has concerns about surface water contaminating ground water if well casings are topped or damaged.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This project includes the relocation of the office, incubation, rearing ponds, UV system, restrooms, generator, and wells to higher ground.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Relocating facility decreases the chances of flood damage to infrastructure, eliminates risk of fish from escaping to adjacent waters, decreases fish and egg mortality due to flooding, decreases employee hazards from operations during flooding, and contributes to successful recovery of ESA listed stocks of Salmonids**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Anyone associated with Puget Sound Chinook Recovery. Recreational, commercial and Treat tribal fishers and small business owners such as fishing gear, boats retailers and associated industry supporting fishing activities are the most directly affected clientele. Department of Ecology is impacted because they ensure ground water aquifers do not become directly contaminated with untreated surface waters.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**State Capitol projects funding**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This program supports the strategic plan in several Goals, Objectives and Activities listed below;**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000830

Project Title: Hurd Creek - Relocate Facilities out of Floodplain

Project Class: Preservation

**Description**

Agency Goal - #1: Healthy and Diverse Fish and Wildlife Populations and Habitats  
 Agency Objective - #3: Ensure Compliance with Regulations  
 Agency Activity #11: Ensure WDFW Compliance with ESA and Other Government Regulations  
 Performance Measure – B: Increase the percentage of hatchery programs operated in a manner consistent with federal ESA requirements.  
 Agency Goal #2: Sustainable Fish and Wildlife –related Opportunities  
 Agency Objective #6: Provide sustainable high quality fish and wildlife-related recreational and commercial opportunities while improving the economic well being of Washington, compatible with maintaining healthy fish and wildlife populations and habitats  
 Agency Activity #18: Conduct fish and wildlife production activities.  
 Performance Measure – B: Consistent with maximizing fishing opportunities while meeting wild stock restoration goals, increase the number of salmon smolt (in millions) released annually.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**This project relates to Puget Sound Recovery. This program is supported in part by a grant from NOAA supporting at risk Chinook stocks in Puget Sound.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**Hurd Creek Hatchery supports ESA listed Puget Sound Chinook stocks such as Elwha and Dungeness Chinook. Hurd Creek Hatchery sits in a unique location with 2000 gpm ground water right which supports Elwha River Restoration. Recovery of Elwha Chinook is highly dependent on Hurd Creek facility to incubate and initially rear fish prior to transferring back to Elwha Rearing Channel for final rearing and release.**

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	6,649,000				
	<b>Total</b>	<b>6,649,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	2,000,000	4,649,000			
	<b>Total</b>	<b>2,000,000</b>	<b>4,649,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000830

**Project Title:** Hurd Creek - Relocate Facilities out of Floodplain

**Project Class:** Preservation

---

**Operating Impacts**

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000831

**Project Title:** Kendall Creek Hatchery - Replace Intake

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000831

Project Title: Kendall Creek Hatchery - Replace Intake

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 28

#### Project Summary

The Kendall Creek Hatchery is located in Whatcom County, and is a tributary to the Nooksack watershed. The project will construct a new gravity water supply intake on Kendall Creek. The hatchery rearing program includes North Fork Nooksack River Spring Chinook recovery, South Fork Spring Chinook captive brood recovery program, native chum, steelhead, trout and Kokanee for lowland lake plants. The hatchery is currently supplied with well water and gravity Kendall Creek surface water to complete its rearing programs. The existing surface water supply intake from Kendall Creek does not meet current federal regulations and state guidelines for screening and fish passage to protect natural spawning populations of anadromous and resident fish species that are endemic to Kendall Creek. This proposal is to ensure that future hatchery water withdrawals at this facility are compliant with existing regulations and guidelines.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **This proposal would ensure compliance with existing federal and state regulations and guidelines for enhanced protection of natural spawning populations of fish that are present in Kendall Creek. The hatchery rearing program includes 800,000 North Fork Spring Chinook, approximately 2,000 captive brood for rebuilding South Fork Spring Chinook, 150,000 steelhead, 160,000 trout and 100,000 Kokanee.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The project will construct a new gravity water supply intake on Kendall Creek. The Department is requesting to complete this project in phases. Phase 1 is being requested for the 2019-21 biennium and includes design and permitting. Phase 2 is requested for the 2021-23 biennium for the construction of new gravity intake.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Construction of a new intake would ensure compliance with existing fish screening and fish passage regulations and guidelines. Not constructing the new intake could result in loss of ability to use Kendall Creek resulting in significant reductions in the rearing programs.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele includes recreational fishers, tribal and commercial fishers and small business owners that cater to fishing related activities, including fishing gear, boats and motors, lodging, and restaurants. Citizens concerned for salmon recovery efforts as well as other environmentally based organizations and efforts would also be impacted by this budget request.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None.**
7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. **This project supports the agency strategic plans as follows:**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000831

Project Title: Kendall Creek Hatchery - Replace Intake

Project Class: Preservation

**Description**

**Goal 1. Conserve and protect native fish and wildlife**

**A. Improve conservation practices to enhance protection and restoration of fish and wildlife**

**B. Increase protection and restoration of ecosystem functions**

**C. Promote and improve compliance with natural resource laws**

**D. Enhance and improve land stewardship and asset management to meet conservation goals**

**Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences**

**A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities**

**B. Expand access for hunting, fishing, and other wildlife recreational experiences**

**Goal 4. Use sound business practices and maintain a dedicated workforce**

**B. Improve business systems to meet federal and state standards and best practices**

**E. Effectively and efficiently manage agency assets**

This project will support the following statewide results:

Improve the quality of Washington's natural resources

This project will protect the natural resources by protecting fish and wildlife and their habitats

Improve the economic vitality of business and individuals

Fish and wildlife activities bring revenue to Washington communities. This project is expected to contribute to better survival of hatchery and native fish which contributes fishing industry.

Improve cultural and recreational opportunities throughout the state

This project will prevent the loss of fish and improve fishing for recreational use.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions **Yes, the Kendall Creek Hatchery program for North and South Fork Nooksack Spring Chinook have deemed critical for the recovery of Chinook throughout the Puget Sound ESU.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**Kendall Creek Hatchery plays a vital role in the Department' efforts to recover native Spring Chinook populations throughout the Nooksack River watershed. These efforts have been well-planned and coordinated with our Tribal co-managers and NOAA fisheries using proven techniques to recover critically low numbers of salmon.**

**Location**

City: Unincorporated

County: Whatcom

Legislative District: 042

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

This project should not impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,211,000				
	<b>Total</b>	<b>3,211,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000831

Project Title: Kendall Creek Hatchery - Replace Intake

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	500,000	2,711,000		
	<b>Total</b>	<b>500,000</b>	<b>2,711,000</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000832

**Project Title:** Naches Water Supply Development

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000832

Project Title: Naches Water Supply Development

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 29

#### Project Summary

Naches Hatchery produces 73% of the standard “catchable” rainbow trout (11-13”; 2.5 fish/lbs.) stocked in lowland lakes in Benton, Yakima and Kittitas counties. Assuring that the hatchery’s water supply and water rights are protected is essential to provide lowland lake trout fishing in Region 3. Naches Hatchery rears and plants over 400,000 trout and kokanee each year. Naches hatchery is experiencing sustained low flows from the pumped infiltration gallery. The primary cause is the natural migration of the Naches River channel further away (migrating north) from the hatchery, thus reducing subsurface flow to the infiltration well field. Water rights are a crucial component of any fish hatchery operation and they fall under the jurisdiction of the Department of Ecology (DOE). Where there is documented non-use of a water right for a period of 5 years or more, under the law, DOE may require the total water right be reduced by the amount of non-use. This proposed project is necessary to protect the existing water right. It also allows the facility to be effectively managed and control fish health requirements.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**This request addresses several concerns and they are: the loss of water, loss of trout production, increased fish disease and mortality, and devaluation of state assets should the water rights be partially relinquished due to non-use. Naches Hatchery releases over 400,000 fish each year throughout Benton, Yakima and Kittitas Counties each year and has an economic value estimated over \$8.0 million.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This project will provide access to additional water located on WDFW-owned lands north of the hatchery and provide the facility with the water necessary to document full use of our existing water rights. It is assumed that the project will consist of an expansion on the existing infiltration gallery that supplies water to the shallow wells. At key locations (to be determined), excavate and install collection piping that will channel ground water back to the facility’s wells. This project will most likely require consultants and feasibility study that would advise WDFW on the best course of action.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This request will address the potential loss of water and longer term reduction in water rights essential to keeping the Naches Hatchery a viable hatchery facility in Region 3. Taking no action, and assuming that water supplies continue to dwindle away, the facility could lose a portion of the water rights, which would lead to reduced production or the potential for facility closure.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project will impact the fishing public and the local economies in Benton, Yakima and Kittitas counties that depend on Naches Hatchery catchable trout production to sustain lowland lake fishing in Region 3. If production must be reduced because of declining water supply or loss of water rights, WDFW’s ability to sustain the Region 3 fishery will be jeopardized because there are few viable options to acquire or produce “replacement fish”.**

Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**Not Applicable**

5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No. This is a state-funded trout hatchery. Federal DJ funding supports the annual O&M budget, but not capital project requests.**

6. Describe how the project supports the agency’s strategic/master plans, contributes to statewide goal, or enables the agency

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000832

Project Title: Naches Water Supply Development

Project Class: Preservation

**Description**

*to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.*  
**The agency's mission is "Preserve, protect, and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities". The agency's 2015-17 Strategic Plan in part outlines the Department's commitment to provide sustainable fishing opportunities. Naches Hatchery is the "mission critical" production facility for lowland lake trout fishing in Region 3.**  
 7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
**Not Applicable**  
 8. Is there additional information you would like decision makers to know when evaluating this request?  
**Only to reiterate the importance of: 1) having adequate water rights, and 2) the ability to physically access the full amount of the water rights. Loss of actual water supply and/or water rights would be the loss of a huge capital asset.**

**Location**

City: Naches

County: Yakima

Legislative District: 014

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

No growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,812,000				
	<b>Total</b>	<b>1,812,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	1,812,000				
	<b>Total</b>	<b>1,812,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000833

**Project Title:** Ringold Hatchery - Replace Vinyl Raceways

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000833

Project Title: Ringold Hatchery - Replace Vinyl Raceways

Project Class: Preservation

### Description

Starting Fiscal Year: 2018

Agency Priority: 30

#### Project Summary

The proposed raceway replacement project is intended to replace existing above-ground, steel/vinyl-lined raceways, which have reached the end of their useful life, with more permanent, durable concrete raceways. The vinyl raceways at Ringold date back to 1962; the liners leak and have been repaired multiple times and the steel and wood support structure underneath them is rotten. Production changes at Ringold over the last 15 years now require the nearly year-round use of these 14 “temporary” raceways. The hatchery currently raises 3.5 million fall Chinook, 180,000 summer steelhead, and supports tiger muskie. The Ringold Springs Hatchery located on the Columbia River near the Tri-Cities plays a pivotal role in two major fisheries on the Columbia River. The summer steelhead and the fall chinook fisheries in the Hanford Reach are very popular and are supported by many of our user groups and constituents. The steelhead program has evolved over the years from just a smolt acclimation site to a facility that now collects adults, spawns, and raises yearling steelhead smolts for release. These changes came about in part due to requirements of the Endangered Species Act and the need to use locally adapted stocks to minimize impacts to the listed Upper Columbia River wild steelhead.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**This request is necessary in an effort to protect these programs and manage the facility without the risk of significant fish losses.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**There are fourteen, 54-year-old, steel-supported, vinyl-lined raceways at Ringold that need to be replaced with equivalent concrete raceways.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This request will support the continued operation of the Ringold facility and provide fish for release in support of very important steelhead, lowland trout and tiger muskie fisheries. Not taking action will eventually lead to reduced production because raceways that cannot be reliably maintained will be decommissioned and no longer used, thus reducing the amount of rearing vessel space and fish production.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This will impact anglers that fish for steelhead in the Hanford Reach, rainbow trout in Region 2 lowland lakes (e.g. Park and Blue Lakes), and tiger muskie in the seven WA lakes that support this trophy, niche fishery. These intermediate raceways are needed to support production for all these fisheries.**

Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**Not Applicable**

5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No**

6. Describe how the project supports the agency’s strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The agency’s mission is “Preserve, protect, and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities”. The agency’s 2015-17 Strategic Plan in part outlines the Department’s commitment to provide sustainable fishing opportunities and this facility contributes to that goal.**

7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000833

Project Title: Ringold Hatchery - Replace Vinyl Raceways

Project Class: Preservation

**Description**

Not Applicable

8. Is there additional information you would like decision makers to know when evaluating this request?

Location information is required for each project. Latitude, Longitude, County, City and Address (if possible).

**Location**

City: Mesa

County: Franklin

Legislative District: 009

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,323,000				
	<b>Total</b>	<b>3,323,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	3,323,000				
	<b>Total</b>	<b>3,323,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department is renovating an existing asset and does not expect any operating impact.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000670

**Project Title:** Ford Hatchery - Renovate Intake, Ponds, and Residences

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000670

Project Title: Ford Hatchery - Renovate Intake, Ponds, and Residences

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 31

#### Project Summary

The Ford Hatchery was built in 1942 and is in deteriorating and poor condition. The proposal is to completely rebuild this existing facility on the existing site to take full advantage of the Department's water right. Hatchery water supply intakes, water delivery and drain lines, hatchery residences, hatchery building, and rearing ponds are all in failing condition. Pollution abatement facilities are old and do not comply with current state and federal clean water act regulations. The proposed project completely redesigns a new facility to improve rearing conditions, and potentially capacity, in a manner to meet all state and federal compliance regulations.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Ford Hatchery is nearly 75 years old and in very poor condition. Living conditions and staff safety concerns are high given the poor condition of this facility. Ford Hatchery provides for recreational fishery opportunities in approximately 40 lakes each year. Ford Hatchery rears and plants over 360,000 trout and over 730,000 kokanee each year in lowland lakes throughout Eastern Washington including Banks and Deep Lakes.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The Department requests that this project to be phased. Phase 1 would include predesign, design, permits and construction of the pollution abatement, hatchery building, and residences in the 2019-21 biennium. Phase 2 would consist of construction for new rearing ponds, water lines, and water intakes to be completed in the 2021-23 biennium.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **New hatchery facilities will ensure secure, state-of-the-art fish culture and a safe work environment for staff and citizens that frequent this facility. Not taking action will result in a loss of the water right, high risk and ultimate failure in meeting lake planting goals for trout and Kokanee in Eastern Washington, and reduced fishing opportunities.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele impacted by this budget requests are recreational fishers and small business owners in Eastern Washington that benefit directly and indirectly from recreational fishing opportunities. These include small marina operators, small mom and pop bait shops and stores located on or near recreational lakes, out board motor, and boat sales and repair shops. Also business owners that operate campgrounds, motels, gas stations, restaurants and other local amenities depend on recreational spending to support themselves and their communities, often times rural and economically depressed.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **No.**
7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. **Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences. Objective B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000670

Project Title: Ford Hatchery - Renovate Intake, Ponds, and Residences

Project Class: Preservation

**Description**

natural resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service

Objective B. The economics benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

Ford Hatchery plants over 40 lakes located in eastern Washington and provides approximately 10 million dollars of economic activity in Stevens, Ferry, Lincoln, and Spokane Counties.

Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objective D. Work environments are safe, highly functional, and cost-effective.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions **Not applicable**.

**Location**

City: Unincorporated

County: Stevens

Legislative District: 007

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	10,528,000				
	<b>Total</b>	<b>10,528,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	4,500,000	6,028,000			
	<b>Total</b>	<b>4,500,000</b>	<b>6,028,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000669

Project Title: Elochoman Hatchery - Facility Abandonment

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 32

#### Project Summary

WDFW requests funding to remove fish passage barriers, demolish buildings and sell land at the Elochoman Hatchery. This Hatchery was closed approximately 8 years ago to meet Salmon Recovery goals and declining budgets associated with Mitchell Mitigation Funding administered by NMFS/NOAA.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**This request is consistent with the agency's policy to close this facility due to a decrease in federal funding and meeting new federal salmon recovery goals. Removing the fish barriers will open approximately 20 miles of habitat for native spawning fish. The request will also reduce the liability to the state.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **There are two permanent upstream fish barriers in conjunction with the hatchery that should be removed to ensure fish passage in the Elochoman River. The first fish barrier is located approximately at River Mile 6.5 at the old hatchery site and second is located approximately ¾ mile upstream from the hatchery at the old hatchery gravity intake site. Demolition of 4 residences, old storage shed, hatchery building, concrete and asphalt ponds, access bridge removal, and intake/concrete wall(s) removal will occur. The hatchery site will be restored to its native habitat. The site parcel will be sold.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This project restores the natural habitat and improves fish access to the upper Elochoman River Basin.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project improves safety to clients by removing the existing hatchery infrastructure. This hatchery site has become a nuisance for illegal activity.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**No**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**By removing the fish barriers and opening up habitat for native spawning fish. Increases WDFW leadership and participation in conducting restoration activities in the Columbian Basin and reducing risk to native salmon and steelhead from hatchery facilities.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**None**

9. Is there additional information you would like decision makers to know when evaluating this request?

#### Location

City: Centralia

County: Lewis

Legislative District: 020

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000669

Project Title: Elochoman Hatchery - Facility Abandonment

Project Class: Preservation

**Description**

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will demolish an existing asset.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,001,000				
	<b>Total</b>	<b>1,001,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	1,001,000				
	<b>Total</b>	<b>1,001,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Schedule and Statistics**

	<u>Start Date</u>	<u>End Date</u>
<b>Pre-design</b>		
<b>Design</b>	8/1/2015	8/1/2015
<b>Construction</b>	8/1/2017	6/1/2021
	<b>Total</b>	
Gross Square Feet:	20	
Usable Square Feet:	0	
Efficiency:	0.0%	
Escalated MACC Cost per Sq. Ft.:	39,073	
Construction Type:	Other Schedule C Projects	
Is this a remodel?	No	
A/E Fee Class:	C	
A/E Fee Percentage:	Varies	

**Cost Summary**

	<u>Escalated Cost</u>	<u>% of Project</u>
<b>Acquisition Costs Total</b>	<b>0</b>	<b>0.0%</b>
<b>Consultant Services</b>		
Pre-Schematic Design Services	0	0.0%

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000669

Project Title: Elochoman Hatchery - Facility Abandonment

Project Class: Preservation

**Cost Summary**

	<u>Escalated Cost</u>	<u>% of Project</u>
<b>Consultant Services</b>		
Construction Documents	29,415	2.9%
Extra Services	25,129	2.5%
Other Services	23,718	2.4%
Design Services Contingency	0	0.0%
<b>Consultant Services Total</b>	<b>79,455</b>	<b>7.9%</b>
 <b>Maximum Allowable Construction Cost(MACC)</b>	 <b>781,451</b>	
 Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	781,451	78.0%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	59,390	5.9%
<b>Construction Contracts Total</b>	<b>840,840</b>	<b>84.0%</b>
 <b>Equipment</b>		
Equipment	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
<b>Equipment Total</b>	<b>0</b>	<b>0.0%</b>
 <b>Art Work Total</b>	 <b>0</b>	 <b>0.0%</b>
 <b>Other Costs Total</b>	 <b>0</b>	 <b>0.0%</b>
 <b>Project Management Total</b>	 <b>81,075</b>	 <b>8.1%</b>
 <b>Grand Total Escalated Costs</b>	 <b>1,001,370</b>	
<b>Rounded Grand Total Escalated Costs</b>	<b>1,001,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000720

**Project Title:** Reiter Hatchery Replace Hogarty Diversion

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000720

Project Title: Reiter Hatchery Replace Hogarty Diversion

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 33

#### Project Summary

Reiter Ponds were constructed in 1975 and is located in Snohomish County in the Skykomish watershed. The rearing program is the largest steelhead rearing program in Puget Sound and annually produces 330,000 steelhead for release. The primary water supply intake located on a small tributary to the Skykomish River does not comply with current federal or state guidelines for fish screening and fish passage. The proposed project designs and constructs a new water supply intake and water delivery line that meets all current regulations and guidelines and allows for the continued production of steelhead.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **The current water supply intake does not comply with fish screening and fish passage regulations and guidelines to provide added protection of natural anadromous and resident fish populations endemic to the watershed.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The project proposes construction of a new intake and water supply line which will occur within the existing hatchery grounds. The Department is requesting that this project not be phased.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **This project will ensure compliance with regulations and guidelines and enhance survival of natural spawning populations. Not taking action will result in noncompliance with regulations and lost rearing programs that support recreational and tribal net fisheries within the Skykomish watershed.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.  
**Recreational steelhead fishers and treaty tribal fishers are the clientele most directly impacted with this request. Additional small business owners who sell fishing gear and business owners who sell or service fishing related activities, recreational fishing guides, motels, restaurants, and gas stations in the region also benefit from this hatchery rearing program. Estimated economic value from Wegge 2009 is slightly over \$4.5 million dollars annually.**
6. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**
5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None identified.**
6. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.  
**Goal 1. Conserve and protect native fish and wildlife.**  
**Objective C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**  
**Strategy: Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**  
**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**  
**Objective A. Fish, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**  
**Objective B. Hatcheries and public access sites are safe, clean, and effectively supported people's use and enjoyment of natural resources.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000720

Project Title: Reiter Hatchery Replace Hogarty Diversion

Project Class: Preservation

**Description**

Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.  
 Goal3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.  
 Objective A. Conservation of fish and wildlife is widely supported by communities across Washington.  
 Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.  
 Objective C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.  
 Objective D. The Department responds to citizens and customer needs in a timely and effective way.  
 Goal 4. Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.  
 Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department's deferred maintenance backlog.

7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
**Yes, improved hatchery practices that support recovery of listed species.**

8. Is there additional information you would like decision makers to know when evaluating this request? **The Skykomish River is probably the most popular remaining steelhead fishery in the Puget Sound Basin. Given this hatchery's close proximity to urban areas along the I-5 corridor, it provides recreational freshwater opportunities within an hour from Seattle and Everett, making this a very desirable and supported hatchery program.**

**Location**

City: Gold Bar

County: Snohomish

Legislative District: 039

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,182,000				
	<b>Total</b>	<b>1,182,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	1,182,000				
	<b>Total</b>	<b>1,182,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000720

**Project Title:** Reiter Hatchery Replace Hogarty Diversion

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000687

**Project Title:** George Adams Hatchery - Replace Ponds and Raceways

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000687

Project Title: George Adams Hatchery - Replace Ponds and Raceways

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 34

#### Project Summary

WDFW is requesting funding to produce a comprehensive pre-design, design, obtain required construction permits, and construction of new adult fish holding and spawning facilities, hatchery incubation building, and office including public restrooms at the George Adams Hatchery. The existing adult fish holding and spawning facilities are constructed in the middle of Purdy Creek, a tributary of the Skokomish River, and block all fish passage above the facility. This is inconsistent with the Agency's policies to alter and integrate hatchery practices that will improve natural salmon spawning populations. The hatchery incubation building currently consists of an incubation room, office, staff break room, shop and public bathrooms located in the fish incubation room. The building is in poor condition and not consistent with providing bio-security for fish and eggs inside the building and subjects employees and public to unsafe air quality during required egg disease treatment procedures. New hatchery designs would separate restrooms, break rooms, and offices from fish hatching rooms and or buildings. Securing the requested funds would allow the Department to allow fish access to the upper Purdy Creek watershed, reduce mortalities of both hatchery and natural spawn fish by constructing new adult holding facilities that are more efficient and fish-friendly in handling returning adult fish. A new incubation building that is isolated from the office, shop and restroom building(s) would allow the Department to provide biosecurity for eggs and fry, ensure safe and clean air for staff and tourist that frequent this facility.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The Hatchery Scientific Review Group (HSRG) has recommended moving the adult capture, holding, and spawning facilities out of the confines of Purdy Creek.**

**Segregating adult Chinook is problematic and inefficient, causing high mortality and inadvertent loss of unmarked natural spawning fish.**

**Hatchery building, office, public restrooms, shop, and breakroom are in very poor condition.**

**Public restrooms are in the incubation room which challenges bio-security and subject employees and visitors to unsafe air quality during fish egg treatments.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project will result in removal of existing adult holding and spawning facilities out of the creek channel; construction of a new adult fish holding and spawning facility that include fish crowders, brails, weirs, bird exclusion, and water reuse system; and demolition and construction of new isolated incubation building and the construction of new office, breakroom, restrooms and shop facility. This project also includes new water lines connected to the new facilities to ensure proper water delivery and drain systems are in place to support the rearing program goals at George Adams Hatchery. The Department is pursuing a phased approach; Phase 1 for the 2019-21 Biennium for predesign, design, permitting and construction of new incubation building. Phase 2 is being requested in the 2021-23 Biennium for the demolition of existing adult fish facilities, old hatchery building, and construction of new adult holding and spawning facilities, new shop, breakroom, public bathrooms, and office facility(s).**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Constructing the proposed project will ensure compliance with federal and state standards, guidelines and specific operating permit requirements. It will also allow the Department to meet the Hatchery Scientific Review Group's recommendations to better integrate the hatchery's operations into assisting the recovery of depressed salmonid species and stocks. Not addressing the problem will slow down recovery of listed stocks and may put the hatchery at risk for future operations due to noncompliance issues.**

**Reconstruction of office and incubation room removes potential hazards and bio-security.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000687

Project Title: George Adams Hatchery - Replace Ponds and Raceways

Project Class: Preservation

**Description**

communities served, etc. Be prepared to provide detailed cost backup.

**George Adams Hatchery produces 3.8 million fall chinook and 300,000 coho each year for direct release into Skokomish Watershed, the hatchery also provides incubation for 12 million chum salmon for release in lower Hood Canal tributaries. Clientele impacted by this request are treaty tribes, recreational fishers, and nontreaty commercial fishers. The most recent economic assessment based on Wegge 2009 is approximately \$9.5 million, with the largest component of value \$6 million for chum and a little over \$3 million for chinook.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None anticipated at this time.**

6. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This program supports the strategic plan in several Goals, Objectives and Activities listed below;**

**Agency Goal - #1: Healthy and Diverse Fish and Wildlife Populations and Habitats**

**Agency Objective - #3: Ensure Compliance with Regulations**

**Agency Activity #11: Ensure WDFW Compliance with ESA and Other Government Regulations**

**Performance Measure – B: Increase the percentage of hatchery programs operated in a manner consistent with federal ESA requirements.**

**Agency Goal #2: Sustainable Fish and Wildlife –related Opportunities**

**Agency Objective #6: Provide sustainable high quality fish and wildlife-related recreational and commercial opportunities while improving the economic well-being of Washington, compatible with maintaining healthy fish and wildlife populations and habitats**

**Agency Activity #18: Conduct fish and wildlife production activities.**

**Performance Measure – B: Consistent with maximizing fishing opportunities while meeting wild stock restoration goals, increase the number of salmon smolt (in millions) released annually.**

7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**This project is linked to the Puget Sound Action Agenda specifically as part of the Puget Sound Chinook Recovery efforts.**

8. Is there additional information you would like decision makers to know when evaluating this request?

**Mortality and incidental take of ESA listed Chinook are identified in George Adams HGMP.**

**It is very difficult to separate out natural and hatchery origin adult salmon with current pond.**

**George Adams Hatchery supports Skokomish Chinook Recovery Plan. The George Adams Hatchery is located on High 101 just north the town of Shelton and is visited by thousands of tourist each year.**

**Location**

City: Shelton

County: Mason

Legislative District: 035

**Project Type**

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000687

Project Title: George Adams Hatchery - Replace Ponds and Raceways

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	10,925,000				
	<b>Total</b>	<b>10,925,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	3,500,000	7,425,000			
	<b>Total</b>	<b>3,500,000</b>	<b>7,425,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000604

**Project Title:** Issaquah Hatchery Replace Gravity Pipeline

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000604

**Project Title:** Issaquah Hatchery Replace Gravity Pipeline

**Project Class:** Preservation

## Description

**Starting Fiscal Year:** 2022

**Agency Priority:** 35

### Project Summary

The gravity intake structure at the Issaquah Hatchery was rebuilt in 2015, however, at the time, funds were not available to replace the water supply pipeline that connects the intake to the hatchery. The pipeline is over 50 years old, leaking, unstable, and needs to be replaced. Replacing the pipeline will allow final completion of the project and will make the structure a reliable part of the hatchery system.

### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

The gravity pipeline at the Issaquah hatchery is over 50 years old and has deteriorated to the point it is leaking. If this pipeline fails, the hatchery will have to rely on pumped water pipelines, which increases operating costs. This project was recommended in the 2004 Hatchery Assessment Report to allow more flow than it is available from the gravity intake and to keep the hatchery operational.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. This request will produce a new pipeline that is necessary to supply the hatchery with water in 2021-2023.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

This request if granted, will replace the water supply line to the hatchery. If it is not granted, the aging leaking pipeline will continue to deteriorate, possibly totally fail, and either kill fish at the hatchery or severely limit production, depending on what time of year a failure would occur.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

The fish produced at this hatchery contribute to Tribal, commercial and sport fisheries in Puget Sound and the Pacific Ocean. Issaquah Hatchery is also one of the most heavily visited hatchery facilities in Washington, hosts the Salmon Days festival, and is an integral part of the City of Issaquah.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

N/A

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

No.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

This project supports the Department's strategic plan by replacing an existing asset, which will allow the hatchery to maintain operations, while reducing the deferred backlog reduction plan.

Goal 1: Conserve and protect native fish and wildlife

Objectives:

C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Strategies:

Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000604

Project Title: Issaquah Hatchery Replace Gravity Pipeline

Project Class: Preservation

**Description**

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.  
 Objectives:  
 A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.  
 B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.  
 C. Tribal treaty coordination and implementation is achieved with adequate resources.  
 Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care  
 Objectives:  
 A. Conservation of fish and wildlife is widely supported by communities across Washington.  
 B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.  
 C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.  
 Strategies:  
 Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.  
 Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.  
 Objectives:  
 D. Work environments are safe, highly functional, and cost-effective.  
 This project supports the statewide results as follows:

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
 n/a

9. Is there additional information you would like decision makers to know when evaluating this request?  
 no

**Location**

City: Issaquah

County: King

Legislative District: 005

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and doesn't expect this project will impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Appropr
057-1	State Bldg Constr-State	2,799,000				
	<b>Total</b>	<b>2,799,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State		2,799,000			

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000604

**Project Title:** Issaquah Hatchery Replace Gravity Pipeline

**Project Class:** Preservation

**Funding**

<b>Total</b>	<b>0</b>	<b>2,799,000</b>	<b>0</b>	<b>0</b>
--------------	----------	------------------	----------	----------

**Operating Impacts**

**No Operating Impact**

**Narrative**

The Department will renovate an existing asset and doesn't expect this renovation to have additional impacts to the operating budget.

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000834

Project Title: Nemah Hatchery - Bridge Replacement

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 36

#### Project Summary

This project is to assure safe access to the Department's Nemah Hatchery. The existing bridge is the sole access point for hatchery staff, on-site residences, visitors, feed trucks, fish marking and transport trailers. The general condition of the access bridge has been evaluated as extremely poor condition. Replacing the bridge and footings will assure access to the hatchery facility into the future.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The hatchery access bridge over the North Nemah is in very poor condition. Support footings, kick board, guard rails supports, and steel super structure are in extremely poor condition.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project cannot be phased, surveying and inspections have been completed, the project is scheduled for 19-21 fiscal years. Without the bridge there is no access to support facility operations.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Without the bridge there is no access to support operations and fish program goals could not be met. The loss of fishing opportunity would impact local economies.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Both commercial and sport fishing communities would be impacted if this project is not funded.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Strategic Plan Goal/Objective/Strategy Being Implemented:**

**Conserve and protect native fish and wildlife; provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences; build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**In 2009, Sargent Engineers, Inc. of Olympia developed four options for replacing the bridge at Nemah; cost estimates were a low of \$204,700 and a high estimate of \$268,200.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not Applicable.**

#### Location

City: South Bend

County: Pacific

Legislative District: 019

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000834

Project Title: Nemah Hatchery - Bridge Replacement

Project Class: Preservation

**Description**

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,194,000				
	<b>Total</b>	<b>1,194,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	1,194,000				
	<b>Total</b>	<b>1,194,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000674

**Project Title:** Arlington Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000674

Project Title: Arlington Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2020

Agency Priority: 37

#### Project Summary

The Department seeks funds for predesign and renovation of the hatchery infrastructure at the Arlington Hatchery. The Arlington Hatchery is over 75 years old and in very poor and failing condition. Concrete rearing pond walls, water supply, and drain lines are very porous and leak; residences are very small and poor condition; and the facility lacks pollution abatement facilities to meet current federal and state clean water regulations for hatchery cleaning wastes. This past decade of patch and seal efforts to keep this facility in operation are nearly exhausted and for long-term operation, new replacement facilities are needed. Funds to design and build new water lines, rearing ponds, depredation facilities (bird and otter excluders), support residences, and new pollution abatement facilities will provide for recreational fishing opportunities into the future. The Arlington Hatchery produces 25,000 kokanee; 15,000 rainbow trout; 82,000 rainbow trout fry; 100,000 rainbow trout "catchables"; and 110,000 cutthroat trout.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The Arlington Hatchery was constructed in 1939 and is in very poor and deteriorating condition. The hatchery rears and releases over 320,000 trout each year for release into western Washington lakes, primarily in Snohomish, Skagit, Island, and King Counties. Reconstruction of the identified hatchery infrastructure will allow the current rearing and lake trout plants to continue and bring its operations into compliance with all current state and federal environmental regulations and guidelines.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This proposed project will be completed within the existing hatchery ground's footprint. The Department is requesting to complete the project in two phases. The first phase is predesign and permitting during the 2019-21 Biennium and proposed construction of the new facilities is scheduled during the 2021-23 Biennium.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Renovation of much of the Hatchery's infrastructure will replace leaky waterlines, rearing ponds, provide for protection of trout during rearing from birds and otters, provide livable conditions for staff assigned standby duty, and bring the existing facility into compliance with Federal and State water quality regulations for upland fish rearing facilities. Renovation of the Arlington Hatchery will allow the continued planting of approximately 60 lakes with trout in Snohomish, King, Island, and Skagit Counties. Not taking action may reduce fish production numbers and affect the local fisheries.**

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000674

Project Title: Arlington Hatchery Renovation

Project Class: Preservation

### Description

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele directly impacted by this budget request are recreational fisheries and small business owners that sell fishing equipment and fishing related services such as boats, outboard repair shops, and outdoor gear and clothing.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Arlington Hatchery plants approximately 60 lakes each year and generates over 400,000 angler trips in Western Washington.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objectives:**

**A. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000674

Project Title: Arlington Hatchery Renovation

Project Class: Preservation

**Description**

**Location**

City: Arlington

County: Snohomish

Legislative District: 039

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	11,346,000				
	<b>Total</b>	<b>11,346,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	2,500,000	8,846,000			
	<b>Total</b>	<b>2,500,000</b>	<b>8,846,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Total one time start up and ongoing operating costs

**Narrative**

Incorporating recirculating water capabilities in the new hatchery design will increase costs, such as utilities and filters.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000678

**Project Title:** Columbia Basin Hatchery - Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000678

Project Title: Columbia Basin Hatchery - Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2022

Agency Priority: 38

#### Project Summary

The Columbia Basin Hatchery (CBH) was built in the early 1960's and is located in Grant County approximately 7 miles northeast of Moses Lake. The facility produces an estimated 1.5M trout annually and supplies trout to over 300 lakes in Grant, Adams, and Lincoln counties for eastern Washington recreational fisheries. CBH is the primary trout hatchery stocking waters in Region 2. In any hatchery setting, it is important to isolate fish for rearing purposes. It is necessary for population control, inventory, growth rates, disease control, and to meet current environmental regulations. The facility has 30 concrete raceways and for several years now the concrete has been crumbling away, most noticeably at the head end of each raceway. This project is requesting to replace these 30 concrete raceways with 36 raceways made from like materials.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**This facility provides many opportunities for fishers to enjoy the local outdoors and Grant County is a very popular vacation destination. People come to the area, many from western Washington and other states, to enjoy the many boating, camping, and fishing opportunities. This facility is necessary for WDFW to continue to provide high quality recreational fishing opportunities in Region 2.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**This request will include the demolition of the existing concrete raceways and the construction of new replacement concrete raceways within the existing hatchery footprint. WDFW is seeking funds for initial design and permitting in the 2021-23 biennium and construction to occur in the 2023-25 biennium.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This request will allow the facility and WDFW to continue to provide recreational fishing opportunities throughout Region 2. If no action is taken, the existing structures will eventually fail, jeopardizing the ability to produce trout for stocking. The impacts to facility operations include increased risk to disease and reduction in fish production, resulting in not being able to consistently provide sufficient quantities of trout for all waters currently being stocked.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This will impact all trout anglers in Region 2 and the Columbia Basin communities whose local economies depend on the angling tourism dollars. The number of angler trips, which are directly linked to angling tourism economic activity, will be adversely impacted if this facility must reduce production because of deteriorating infrastructure.**

Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None**

5. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None identified at this time.**

6. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The agency's mission is "Preserve, protect, and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities". The agency's 2015-17 Strategic Plan in part outlines the Department's commitment to provide sustainable fishing opportunities and this facility contributes significantly to that goal. The proposed project also directly promotes a healthy local economy and contributes to a high quality of life.**

7. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000678

Project Title: Columbia Basin Hatchery - Renovation

Project Class: Preservation

**Description**

2017-19 Operating Budget Instructions

N/A

8. Is there additional information you would like decision makers to know when evaluating this request?

**WDFW has had a very difficult time keeping pace with failing infrastructure in its hatchery program and that is why the need is greater than the ability to provide support. For every project that gets funding approved and removed from the capital projects prioritized list, several new project proposals are added, so the list continues to grow as our infrastructure ages and operating regulation complexity continues to expand.**

**Location**

City: Moses Lake

County: Grant

Legislative District: 013

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	9,525,000				
	<b>Total</b>	<b>9,525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State		2,200,000	7,325,000		
	<b>Total</b>	<b>0</b>	<b>2,200,000</b>	<b>7,325,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000835

Project Title: Milltown Island Restoration - Phase 2

Project Class: Preservation

**Description**

Starting Fiscal Year: 2022

Agency Priority: 39

**Project Summary**

WDFW is requesting funding to restore approximately 214 acres of tidal marsh habitat for juvenile chinook salmon recovery at Milltown Island. Milltown Island is part of the Skagit Wildlife Area and will continue to be managed for waterfowl forage and hunting opportunities.

**Project Description**

Milltown Island is located on a tidally influenced reach of the South Fork Skagit River within the Skagit River delta. WDFW currently owns all of the properties comprising Milltown Island as part of the 17,000-acre Skagit Wildlife Area. The proposed restoration project area covers approximately 214 acres of the middle and northern portions of the island.

The proposed project builds on previous restoration efforts and works to build a strategy for pushing the site further along the trajectory towards fully functioning conditions. Previous work breached the existing perimeter dike in several locations; resulting in increased tidal channel area and increase juvenile salmonid utilization. However, the site is below the predicted salmon utilization numbers and large portions of the area are covered by invasive species.

The goal of this project is restore tidal connectivity and tidal channel habitat. Restoring this habitat will provide additional habitat for chinook smolts during the spring outmigration period. A secondary goal is to restore tidal processes to benefit long term sustainability of this restoration project as well as adjacent delta marsh habitat. The goal is to continue work at the site to control invasive species and establish native vegetation communities.

The proposed restoration project is located in a Skagit Watershed Council Tier 1 area and is identified in the Skagit Chinook Recovery Plan. The Chinook Recovery Plan identifies estuarine habitat as the highest priority for restoration. The project is also consistent with the 2016 Interim Steelhead Strategy, which notes that steelhead habitat overlaps with chinook habitat even though steelhead habitat has less emphasis on estuarine habitat. This project is consistent with the Skagit Watershed Council's 1998 Habitat Protection and Restoration Strategy because it is a science based approach to restoration of historic salmonid habitat. Finally, this project is part of the Puget Sound Nearshore Estuary Restoration Project.

Currently, WDFW has a \$200,000 grant from the Salmon Recovery Funding Board to perform an alternatives analysis and complete preliminary designs for the preferred alternative. The habitat program will be working closely with the wildlife program to vet alternatives and select the preferred alternative. Preliminary design work is scheduled to be completed in June of 2017. WDFW expects additional grant money to complete final design and permitting in 2017 and 2018, with construction anticipated in the summer of 2019. The current total estimated construction cost is 4 million dollars. Region 4 is requesting \$500,000 to use toward final design, bid document preparation, and construction management. This money will also be used as match for additional grant money.

**Location**

City: Unincorporated

County: Skagit

Legislative District: 010

**Project Type**

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000835

Project Title: Milltown Island Restoration - Phase 2

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department is restoring wetlands and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,500,000				
	<b>Total</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State		1,125,000	3,375,000		
	<b>Total</b>	<b>0</b>	<b>1,125,000</b>	<b>3,375,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000843

**Project Title:** Samish Hatchery - Friday Creek Intake & Fish Passage

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000843

**Project Title:** Samish Hatchery - Friday Creek Intake & Fish Passage

**Project Class:** Preservation

## Description

**Starting Fiscal Year:** 2022

**Agency Priority:** 40

### Project Summary

The Department requests funds to design and construct a new Friday Creek water supply intake and fishway at the Samish Hatchery to meet current fish passage and fish screening criteria.

### Project Description

The Friday Creek intake (Site # 03.0017 1.90) consists of an 8-ft-tall concrete dam spanning 76 ft across the width of Friday Creek (see photos below). It is equipped with a six-step weir pool fishway and a gravity diversion channel along the right bank side of the dam. An apron along the base of the dam receives the direct splash of the creek as it flows over the dam.

The diversion does not currently meet the criteria for fish passage or fish screening and bypass. The fishway is undersized and the resulting turbidities do not provide passage within the range of flows required. Water surface drops over all but one of the weirs exceed WDFW fish passage criteria. Unimpeded passage cannot be achieved without replacement of the fishway. The intake is not compliant with screening criteria due to the screening channel geometry and bypass location, and will require structural modifications to improve conditions. In addition, because the spillway and bypass outfall splash directly onto a concrete apron, juvenile fish entrained in the spill will hit the apron and potentially be injured.

The scope of work to be delivered using the requested funds is to design, permit, and construct a new diversion intake structure and fishway that are compliant with WDFW fish passage and screening standards, would operate properly over a broad range of creek flows, and pass debris and bedload more readily. This project is to be phased over two bienniums.

The Friday Cr intake currently impedes upstream passage of native fish to 41 miles of spawning and rearing habitat, and also is a risk to juvenile fish that may be injured in the intake channel or on the spillway apron. The existing structure is in violation of state law, which requires any obstruction in or across a stream to be able to freely pass fish (RCW 77.57.030), and diversions be equipped with a screen or fish guard and bypass to prevent passage of fish into the device (RCW 77.57.010 and 77.57.070). This structure is also resulting in potential take (harm) of ESA-listed chinook and steelhead. Reconstruction of the fishway and screens were a recommendation of the Hatchery Scientific Review Group (HSRG) in 2003.

Construction of this project will improve passage of native chum, Chinook, coho, steelhead, searun cutthroat trout, and resident trout to upstream habitats and reduce the risk injury, thus enhancing fish resources and bringing WDFW into compliance with state and federal laws. Water from the diversion is currently the only source of water for rearing Chinook at the Samish Hatchery. Replacement of the structure will ensure that the Samish hatchery is able to continue production of Chinook, which will help preserve opportunities for commercial and recreational fishing.

This project is to be phased over two bienniums (17-19 and 19-21)

Complete design and permitting of the project July 1, 2017 through June 30, 2019.

Construct the project July 1, 2019 through June 30, 2021.

All in-water work will need to be completed during the recommended in-water work window.

A Habitat Program Fish Passage biologist and engineer are available to assist with design work, permitting, and overseeing construction to ensure the new structure meets fish passage and screening requirements.

Due to the configuration of the structure including the dam, fishway, and intake, the entire structure may need to be reconstructed to correct the fish passage and screening problem.

The intake structure is located on a very small parcel of land, and an easement may need to be obtained for construction of the project if the footprint extends beyond the existing footprint.

There is currently no electrical supply to the intake.

Construction of the project will need to occur during the in-water fish construction window, and when the hatchery does not need water from this diversion for rearing of Chinook at the hatchery.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000843

Project Title: Samish Hatchery - Friday Creek Intake & Fish Passage

Project Class: Preservation

**Description**

**Location**

City: Burlington

County: Skagit

Legislative District: 040

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	3,983,000				
	<b>Total</b>	<b>3,983,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State		900,000	3,083,000		
	<b>Total</b>	<b>0</b>	<b>900,000</b>	<b>3,083,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000675

**Project Title:** Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000675

Project Title: Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains

Project Class: Preservation

### Description

Starting Fiscal Year: 2022

Agency Priority: 41

#### Project Summary

Tokul Creek hatchery is located in the heaviest populated county in the State of Washington, maintaining predictable recreational fishery opportunities near these population centers is a high priority to WDFW. Providing for outdoor recreational opportunities greatly contributes to the overall quality of life and cultural values of this state. The proposed project is to replace the hatchery infrastructure simply due to the age and failing condition of this site. Much of the fish rearing infrastructure is now over 70 years old and no longer provides for a secure and safe rearing facility. Tokul Creek Hatchery produces 74,000 winter steelhead; 64,500 rainbow trout (3 stocks); 7,500 cutthroat trout (2 stocks); and 3,000 golden trout.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**WDFW requests funding to produce a comprehensive pre-design plan to renovate Tokul Creek Hatchery. The existing hatchery has been in continuous operations since 1901 and is in poor deteriorating condition. While much of the infrastructure has been retrofitted, the remaining infrastructure is forty to seventy years old.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project will remodel the hatchery building; demolish existing rearing ponds; rebuild residences; construct new raceway rearing ponds; and construct new water supply and drain lines, including new generator, storage building, residences, and bird exclusion facilities.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**This project will maintain and provide for secure lowland lake recreational fisheries in Snohomish and King Counties.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Tokul Creek Hatchery plants over 50 lowland lakes with resident trout in King and Snohomish Counties. It is estimated approximately 400,000 angler trips are associated with these lake plants. Winter steelhead program provides directed recreational fishing opportunities.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**No.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000675

Project Title: Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains

Project Class: Preservation

**Description**

C. Tribal treaty coordination and implementation is achieved with adequate resources.  
**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**  
**Objectives:**  
 A. Conservation of fish and wildlife is widely supported by communities across Washington.  
 B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.  
 C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.  
**Strategies:**  
 Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.  
**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**  
**Objectives:**  
 D. Work environments are safe, highly functional, and cost-effective.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
**NA.**

9. Is there additional information you would like decision makers to know when evaluating this request?  
**The intake dam, intake, and fish ladder project will be completed in Fall 2016.**

**Location**

City: Unincorporated

County: King

Legislative District: 005

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,738,000				
	<b>Total</b>	<b>5,738,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State		1,700,000	4,038,000		

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000675

**Project Title:** Tokul Creek Hatchery - Replace Raceway, Water Supply, Drains

**Project Class:** Preservation

**Funding**

<b>Total</b>	<b>0</b>	<b>1,700,000</b>	<b>4,038,000</b>	<b>0</b>
--------------	----------	------------------	------------------	----------

**Operating Impacts**

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000836

Project Title: Chambers (Garrison) Creek - Fishway Repairs

Project Class: Preservation

**Description**

Starting Fiscal Year: 2022

Agency Priority: 42

**Project Summary**

WDFW is requesting funding to design and construct a repair for the fishway on Chambers Creek for Garrison Springs Hatchery and update or replace the screens and intake to meet current compliance.

**Project Description**

The fishway is a 10-step weir pool structure with wooden stop-logs. The fishway has one sheet-pile and one concrete wall. This site is located in the intertidal zone and over time the constant contact with saltwater has caused the metal components to deteriorate and become nonfunctional. Holes in the sheet-pile and rusted off guides have resulted in the fishway becoming a barrier to fish passage. Sediment has also built up in the weir pools, in part because of the slack water during tidal change; causing additional problems with turbulence and further reducing passability. The current screens for the pump intake are not compliant and juvenile fish are entering the pump. New screening is required which may result in new design of the pump. Repairs should result in meeting the Department's criteria for fish passage and screening.

Repair the fishway and screens on Chambers Creek where chinook broodstock is collected for Garrison Springs Hatchery. The repairs on this site will result in meeting the Department's current fish passage and screening requirements, allowing passage of native fish upstream, and will help bring WDFW into compliance with the existing law. The fish passage barrier violates state law, which requires any obstruction in or across a stream be able to freely pass fish (RCW 77.57.030) and diversions be equipped with a screen or fish guard and bypass to prevent passage of fish into the device (RCW 77.57.010 and 77.57.070). The proposed project would ensure the continued operation of Garrison Springs Hatchery, helping preserve recreational, commercial, and tribal fishing by ensuring the continued production of chinook.

This site is located in tidally influenced waters.

Chinook sub-yearlings are held in the facility attached to the fishway. Water flow into this facility is controlled by adjustments to the fishway to regulate water levels upstream of the dam. Construction should not interfere with this process.

**Location**

City: University Place

County: Pierce

Legislative District: 028

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is modifying an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,832,000				
	<b>Total</b>	<b>3,832,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000836

Project Title: Chambers (Garrison) Creek - Fishway Repairs

Project Class: Preservation

**Funding**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State		3,832,000		
<b>Total</b>	<b>0</b>	<b>3,832,000</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000680

**Project Title:** Beaver Creek Hatchery - Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000680

Project Title: Beaver Creek Hatchery - Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 43

#### Project Summary

The proposed project is for Beaver Creek Hatchery renovation. This hatchery facility was built in the late 1950's and is approximately 60 years old and in poor condition. Capital funds were appropriated in the current biennium to rebuild the hatchery's water intakes for compliance with federal regulations and state guidelines for compliance with fish passage and screening criteria. Additional investments to replace the existing rearing ponds, water distribution box, replace and upgrade incubation room piping, replace valves and incubation units, as well as replace water supply and drain lines are necessary to continue salmonid production in the future. The Beaver Creek rearing programs supports the lower Columbia River commercial tangle net fisheries and marked selective recreational fisheries in the main stem lower Columbia River, as well as the off-channel commercial fishery in Deep River. The Beaver Creek Hatchery produces 1.1 million Chinook, 8,000 coho, and also rears and plants over 100,000 steelhead annually into lower Columbia River tributaries to create and maintain recreational fishery opportunities in Southwest Washington.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The existing rearing ponds, incubation room, and water lines are all in poor condition and it is becoming very difficult to meet current rearing standards and maintain sound fish culture practices. Maintaining fishery opportunities in southwest Washington is a key economic driver for many of the small local rural communities. When the Beaver Creek Hatchery has been renovated, the Department will be able to shift production from Grays River Hatchery to the Beaver Creek Hatchery, and close Grays River Hatchery. (Grays River Hatchery is also very old, approximately 60 years, and also is in very poor condition) These proposed actions will result in staff savings, reduction in facility up-keep and maintenance, and overall savings in the current operating budget and future Capital Budget appropriations.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The Department request that this project be phased. Phase 1 would fund predesign, design, and permitting of new facilities to replace the failing infrastructure in the 2023-25 biennium. Phase 2 is proposed for the 2025-27 Biennium and includes beginning and completing construction. The proposed project will be designed and constructed on the current hatchery grounds.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **The proposed project would replace all identified failing infrastructure. Replacement will include new rearing ponds and incubation units that will meet current rearing guidelines and sound fish culture practices. Renovation of this hatchery will ensure that existing fishery opportunities that protect natural spawning populations while providing directed opportunities for both commercial and recreational fisheries will continue into the future. Lack of investments into the Beaver Creek Hatchery will result in significant reductions to both commercial and recreational fishery opportunities in Southwest Washington and to the fisheries off Washington's coast.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000680

Project Title: Beaver Creek Hatchery - Renovation

Project Class: Preservation

### Description

communities served, etc. Be prepared to provide detailed cost backup.

**Clientele affected by this request are commercial and recreational fishers; local business owners who directly and indirectly support fishery related gear; activities such as ports, gas stations, sport shops and restaurants; and boat sales, engine repairs, and netting. The economic value of Beaver Creek Hatchery production is just under \$3,000,000 annually.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **None identified at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objectives:**

**A. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000680

Project Title: Beaver Creek Hatchery - Renovation

Project Class: Preservation

**Description**

9. Is there additional information you would like decision makers to know when evaluating this request?  
**Funding this project will allow the Department to gain efficiencies associated the closure of Grays River Hatchery that will garner both short-term operational savings as well as long-term maintenance and replacement costs.**

**Location**

City: Cathlamet

County: Wahkiakum

Legislative District: 019

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	19,400,000				
	<b>Total</b>	<b>19,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			5,000,000	14,400,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>14,400,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000837

**Project Title:** Driscoll Island Bridge

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000837

Project Title: Driscoll Island Bridge

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 44

#### Project Summary

The Driscoll-Eyhott Island unit consists of about 325 acres of mostly riparian and wetland habitat located about one mile south of Oroville, at the confluence of the Similkameen and Okanogan rivers. The unit is still used for agricultural purposes. Hay and grain production enhances forage for upland game birds and provides cover for a variety of species. River channels surrounding Driscoll Island provide migration and spawning habitat for steelhead, summer chinook salmon and Osoyoos sockeye salmon. The unit supports a small mule and white-tail deer population as well as a variety of songbird, waterfowl, reptile and amphibian species. Hunting, fishing, and wildlife viewing are all popular activities on the island. However, access to Driscoll Island is only possible by fording across the Okanogan River during low flows. One could also access the unit by floating the Okanogan and Similkameen Rivers from upstream using a number of water access points. This project proposes the construction of a bridge to provide safe, ADA compliant access to Driscoll Island. Two locations are being considered, one at the site of the existing ford, and one at the north end of the island. The north end location would require additional funding to purchase the property.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

Currently, the only access to Driscoll Island is by fording the Okanogan River near the north end of the island. This limits access to the island for staff, the share cropper and the public. Fording the river can be a safety hazard even at low flow and isn't possible for several months of the year. This represents lost opportunity for hunters, fishers, wildlife viewers and school groups. And limits the types of restoration projects that could take place on the island to benefit fish and wildlife.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. The project proposes the construction of a bridge to provide safe, ADA compliant access to Driscoll Island. Two locations are being considered, one at the site of the existing ford, and one at the north end of the island. The north end location would require additional funding to purchase the property.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

A bridge would provide safe access for staff, farm equipment, emergency response equipment, equipment for construction of habitat enhancement projects as well as ADA access and pedestrian access for the general public.

Providing safe and reliable access to Driscoll Island would allow the continued use by a local sharecropper. Okanogan County values the rural character of the county and strongly supports continuing agricultural practices to maintain the rural character. Combining land use practices on Driscoll Island to allow both continuing agriculture as well as salmon enhancement, access for hunting and bird watching can showcase the potential for public lands in the county to meet the vision and goals of a variety of stakeholders. Improved access to the island could also allow for more educational opportunities for local schools or groups with and interest in the environment.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

The community would benefit in many ways if the bridge was to be constructed. In addition to providing a more safe and reliable access for the sharecropper, hunters, fishers and wildlife viewers could access new opportunities. Fish and wildlife enhancement projects, like those proposed by the Cascade Columbia Fisheries Enhancement Group would be feasible and cost effective with the improved access.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

There are no anticipated IT-related costs. The only feasible alternative for a crossing structure to access the island is a bridge. Two locations are being considered.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000837

Project Title: Driscoll Island Bridge

Project Class: Preservation

**Description**

federal, state, local, or private funds?

There is a potential for support or matching funds from partners such as Cascade Columbia Fisheries Enhancement Group, the Colville Tribes, and local trails coalition. Additional funding and partnerships may be possible for habitat enhancement and educational opportunities when the bridge is constructed.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

The 2015 Washington's Wild Future Progress Report found that there is broad support for expanded and restored recreational access – improved access to Driscoll Island would increase access for waterfowl and upland bird hunting, fishing and wildlife viewing. Increased access for hunting opportunities can result in additional license sales. Satisfaction with a well maintained area that provides ample opportunity can help guarantee repeat sales in future years.

The Progress Report also indicated support for land stewardship including habitat restoration and noxious weed control. A project proposed by our salmon enhancement partners, Cascade Columbia Fisheries Enhancement Group and the Colville Confederated Tribes was postponed due to the logistics of access for equipment and materials. A bridge would allow us to work with our partners to implement habitat enhancement projects that would benefit listed species in the Okanogan River. Projects to provide additional cold water high flow refugia can result in greater numbers of fish surviving the smolt to adult stage which can increase the number of returning adults to the system. Eliminating the ford would increase the survival of emergent steelhead and summer chinook.

Additionally, a bridge would allow access at more times of the year for equipment necessary for weed control and other land management activities.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

N/A

9. Is there additional information you would like decision makers to know when evaluating this request?

The Driscoll Island Bridge has been proposed for many years and has been a priority with across all the programs in the District. It would increase safety, production, restoration, and education and eliminate the degradation of spawning gravels and redds. The project is in need a funding to get design and implementation underway and to be able show potential funding partners their opportunities, with a concrete commitment to the project.

**Location**

City: Unincorporated

County: Okanogan

Legislative District: 012

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

No growth management impacts are expected.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,546,000				
	<b>Total</b>	<b>4,546,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			4,546,000		

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000837

**Project Title:** Driscoll Island Bridge

**Project Class:** Preservation

**Funding**

<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,546,000</b>	<b>0</b>
--------------	----------	----------	------------------	----------

**Operating Impacts**

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000684

**Project Title:** North Toutle Hatchery Rebuild

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000684

Project Title: North Toutle Hatchery Rebuild

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 45

#### Project Summary

North Toutle Hatchery was originally constructed in 1952 in Cowlitz County located on the Green River, a tributary to the Toutle River. This project request is to rebuild the entire hatchery facility including everything from a new access road, bridge, new hatchery building, office building, adult fish collection, holding and spawning facilities, replacing concrete raceways, new water intakes, pollution abatement facilities, settling pond to pretreat all water used for fish culture, and new residences to house on-call hatchery staff. The existing facilities are very old, in poor condition, and outdated.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **The hatchery has outlived its original design and construction life and is simply falling apart. Water supply intakes do not comply with Federal and state regulations and guidelines for water screening and fish passage. Pollution abatement facilities are grossly undersized given the very high silt loads associated with the devastation of the upper watershed resulting from the Mt. Saint Helens eruption and slow recovery of the upper Green watershed. The North Toutle Hatchery rearing program includes 1.4 million fall chinook and over 1 million coho annually. Renovation of this facility is consistent with the Hatchery Scientific Review Group's (HSRG) recommendations to meet current and sound fish culture practices.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The proposed project will be constructed on the existing hatchery grounds. The project is proposed to be phased over two biennia starting in the 2023-25 biennium for design, permitting, demolition, and construction of water intake structures, settling pond to treat incoming water supply, water supply piping, adult fish collection and spawning facilities, and updated electrical service to the facility. Phase 2 will include the demolition of raceways, hatchery building, and residences, and replacement with new concrete raceways, hatchery building, pollution abatement facilities and residences.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **This project would completely replace out dated and poor condition facilities at North Toutle Hatchery and allow the Department to implement HSRG recommendations, comply with regulations that meet fish screening and fish passage criteria, comply with state and federal clean water act regulations. The new facility would diminish current deferred maintenance, improve employee work related safety, and improve living conditions assigned standby duties at North Toutle Hatchery.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Impacted clientele would include commercial fishers who fish the lower Columbia River and recreational fishers who fish the Toutle Watershed, Lower Columbia River and from coastal ports such as Ilwaco, Westport, LaPush and Neah Bay. Small business owners that sell or service fishery related gear, both commercial and recreational, fish buyers and processors, restaurants, charter boat operators, guides, ports that provide launch and moorage, and other related small business owners throughout Southwest and coastal Washington.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000684

Project Title: North Toutle Hatchery Rebuild

Project Class: Preservation

**Description**

None identified at this time.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy. Self-sustaining levels.**

**Strategies:**

Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A. Fish, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B. Hatcheries and public access sites are safe, clean, and effectively supported people's use and enjoyment of natural resources.**

**Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Strategy:**

Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.

**Goal 4. Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objective D. Work environments are safe, highly functional, and cost-effective.**

Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department's deferred maintenance backlog.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not Applicable.**

**Location**

City: Unincorporated

County: Cowlitz

Legislative District: 020

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and doesn't expect any impacts on growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	27,898,000				
	<b>Total</b>	<b>27,898,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000684

Project Title: North Toutle Hatchery Rebuild

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State			6,250,000	21,648,000
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>6,250,000</b>	<b>21,648,000</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000688

**Project Title:** Washougal Hatchery - Pond Replacement

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000688

Project Title: Washogual Hatchery - Pond Replacement

Project Class: Preservation

**Description**

Starting Fiscal Year: 2024

Agency Priority: 46

**Project Summary**

This request is for Washogual hatchery located in Skamania County on the Washogual River. Washogual Hatchery was originally constructed in 1957-58. The existing rearing ponds and water delivery and drain lines are deteriorating and in poor condition. Additionally the hatchery's primary water supply intake does not comply with Federal fish passage and screening regulations and State guidelines. The existing rearing pond designs are outdated, in poor condition, and do not meet established science based fish culture standards. This proposal is based upon a new design standard that complies with all state and federal regulations and guidelines and assures fish cultured at this facility meet science based sound fish culture practices and techniques. The project will also remodel and upgrade the original hatchery building, restrooms and office, all in poor condition.

**Project Description**

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **The project, once completed, will meet all relevant federal and state regulations and provide dependable fish rearing opportunities and needed facilities into the future. This hatchery rears and releases 4.7 million fall chinook, 3.15 million coho, and more than 500,000 chum annually. The fall chinook program includes fin clipped fish for directed fishery opportunities and fish to be placed above the hatchery facility to supplement chinook recovery. Coho salmon include both early and late timed returns, all fin clipped for direct fishery opportunities. Chum salmon are not fin clipped and are vital rearing to recover natural chum populations to the lower Columbia River Basin. The current pollution abatement facilities are undersized and need to be expanded to meet federal and state water quality standards.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The project will construct a new water supply intake, water lines, new concrete raceways with bird predation netting, water treatment facilities and remodel the hatchery building, office, and public restrooms all on the existing hatchery property. The Department requests that this project be phased. Phase 1 will include design and permitting and hatchery building remodel including new restrooms and office to begin in the 2023-25 Biennium. Phase 2 is requested for 2023-25[W1] Biennium and includes the construction of new water supply intake, water line replacement, and new concrete raceways with bird predation facilities and upgraded pollution abatement and water treatment.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **New design will result in meeting all relevant state and federal regulations and guidelines for hatchery operations. Replacing existing infrastructure that is in poor or deteriorating condition with dependable rearing opportunities will extend the life of the hatchery into the future. No action will result in non-compliance with state and federal regulators which could result in enforcement actions that result in rearing program reductions or facility closure. Significant reductions for established fishery opportunities in the lower Columbia River and slower recovery of listed stocks, non-directed fishery rearing programs like chum salmon.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele impacted by this project are recreational and commercial fishers who fish the watershed, lower Columbia River, and Washington's coastal marine waters. Other clientele includes small business owners who market fishing gear, sell or service boats and equipment, fish processors, guide and charter boat operators, ports, moorage providers, lodging and restaurants, many of which are located throughout small rural communities in southwest Washington. The economic benefit associated with Washogual's Hatchery production is approximately \$1.2 million annually based on the Wegge report completed in 2009.**

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000688

Project Title: Washougal Hatchery - Pond Replacement

Project Class: Preservation

### Description

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **None identified.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.**

**C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing**

**in technology.**

**Objectives:**

**D. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**The economical values represent values associated with direct fishing opportunities. No attempt was made to place an economic value to the rearing programs dedicated directly to recovery programs. While hard to measure direct economic values for these projects that do provide for value in recovery of listed species.**

[W1]Aaron, do you know what the actual dates are here?

#### Location

City: Unincorporated

County: Skamania

Legislative District: 014

#### Project Type

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000688

Project Title: Washougal Hatchery - Pond Replacement

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	13,446,000				
	<b>Total</b>	<b>13,446,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			3,250,000	10,196,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,250,000</b>	<b>10,196,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000679

**Project Title:** Samish Hatchery - Adult Pond

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000679

Project Title: Samish Hatchery - Adult Pond

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 47

#### Project Summary

This request is to rebuild the Samish Hatchery adult fish collection, holding, and spawning facilities. This hatchery is located in Skagit County on the lower Samish River. The existing adult fish collection and holding facility was constructed with now outdated engineering standards and fish culture guidelines and does not easily pass natural spawning populations of anadromous and resident fish species that are endemic to this watershed. The existing facility is also in deteriorating and poor condition. Adult fish that return to this facility are held in a common large pond that requires almost daily handling to ensure natural spawned fish are allowed access upstream of this facility. This excessive handling increases the prespawning mortality rates for both natural and hatchery origin fish. New state-of-the-art adult fish collection and holding facilities would ensure improved handling, holding, and passage of desired fish to upstream spawning areas resulting in enhanced populations of naturally spawned fish.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Samish Hatchery rears and releases 4 million chinook annually that contribute to recreational fisheries within the watershed and connected marine waters, commercial fisheries in Bellingham Bay, and to Treaty Tribal fisheries. Continuation of this hatchery program in a manner that is integrated into preserving and enhancing natural spawning populations of fish while providing direct opportunity on hatchery stocks achieves the Department's overall goal of preservation of species and providing opportunities that supports local economies. The existing adult fish facilities are in very poor condition and do not meet the goal of enhancing natural fish stock abundance.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The proposed project will construct new adult fish collection and holding facilities that are in alignment with the Agency's Strategic Plan and can be built on existing agency land.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **The new facilities would improve fish collection, fish passage, and holding conditions for both natural spawning populations and hatchery returning adults. Not taking action will result in higher mortalities associated with returning adult fish and resident fish within the Samish River.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.  
**Recreational, commercial, and treaty tribal fishers are the clientele directly impacted by this request. Small business owners that sell or service fishery related equipment and gear, local restaurants, ports, moorage providers, resort owners and business owners that provide fishery related lodging are also impacted by this request. Estimated economic benefits from this hatchery's rearing program are approximately \$1.5 million annually.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None identified at this time.**
7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.  
**Goal 1. Conserve and protect native fish and wildlife.**  
**Objective C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**  
**Strategy: Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**  
**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**  
**Objective A. Fish, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000679

Project Title: Samish Hatchery - Adult Pond

Project Class: Preservation

**Description**

Objective B. Hatcheries and public access sites are safe, clean, and effectively supported people's use and enjoyment of natural resources.

Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.

Goal3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.

Objective A. Conservation of fish and wildlife is widely supported by communities across Washington.

Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

Objective C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.

Objective D. The Department responds to citizens and customer needs in a timely and effective way.

Goal 4. Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department's deferred maintenance backlog.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

Yes; improved hatchery operations and improved fish passage associated with Puget Sound Recovery.

**Location**

City: Burlington

County: Skagit

Legislative District: 040

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	5,033,000				
	<b>Total</b>	<b>5,033,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State			1,250,000	3,783,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,250,000</b>	<b>3,783,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000838

**Project Title:** Seattle Pier 86 Repair Fishing Pier

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000838

Project Title: Seattle Pier 86 Repair Fishing Pier

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 48

#### Project Summary

Fishing Pier 86 is located on Elliott Bay in Seattle. This fishing pier was constructed by the then Dept. of Fisheries (now WDFW) in 1979 with Lands and Water Conservation funds obtained through IAC. To construct the pier, WDFW obtained a lease from DNR to construct the pier on DNR lands, and an operating agreement with the Port of Seattle in which the Port was responsible for the daily operation and maintenance of the pier. That 30 year agreement expired in 2009. Fishing Pier 86 is in need of much repair to make it an up to-date fishing/wildlife watching facility.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority?

**Fishing Pier 86 has been used by the fishing public for over 30 years. Region 4 Wildlife, Habitat, Fish and Enforcement Programs all shared the desire to have the pier restored. The report provided by Reid Middleton pointed to some poor, serious and critical conditions that need to be addressed. While none of these were deemed emergency repairs, they will need to be made with "moderate urgency" if the pier is to remain open and safe for the public.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**Repair/replace pavilion concrete beams, repair the shoreline concrete abutment, repair concrete stringers/T-beams with significant damage, repair any remaining concrete spalls, cracking, etc. in piles, pile caps, and stringers/T-beams, replace fishing stations and benches, upgrading lighting and plumbing.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Fishing Pier 86 would be structurally and visually improved similar to the recently completed Edmonds Pier. It would be made safe for public use and WDFW's Enforcement staff would better be able to monitor its use.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Because a boat isn't needed and jigging equipment is affordable, squid-jigging is very popular off of Pier 86. The pier is also popular with salmon fisherman. Because of its easy access, and location along a public walking/biking trail, the pier is very popular with wildlife watchers.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **NA**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**The intent is to use WDFW's funding to a match funds from the Port of Seattle, Seattle Parks and Recreation, or both.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Restoring Fishing Pies 86 is consistent with WDFW's Goals:**

**Goal 2:**

**Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences**

**Goal 3:**

**Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service**

**Restoring Fishing Pier 86 is consonant with WDFW's mission to "Protection, preservation, management, or restoration of natural environments and the ecological communities that inhabit them; including management of human use for public benefit and sustainable social and economic needs.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions .

**NA**

9. Is there additional information you would like decision makers to know when evaluating this request?

**"The Washington Department of Fish and Wildlife Pier 86 Condition Summary Report, October 2013" is available upon**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000838

Project Title: Seattle Pier 86 Repair Fishing Pier

Project Class: Preservation

**Description**

request.

**Location**

City: Seattle

County: King

Legislative District: 036

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,149,000				
	<b>Total</b>	<b>4,149,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			4,149,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,149,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000839

**Project Title:** Skamania Hatchery - Renovate Adult Trapping & Spawning Facilities

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000839

Project Title: Skamania Hatchery - Renovate Adult Trapping &amp; Spawning Facilities

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 49

#### Project Summary

The proposed project is to replace an adult steelhead collection facility that is old and outdated to meet current adult fish holding and handling facilities. The anticipated outcome from this project is to reduce stress and related mortalities of adult fish passed upstream to spawn naturally and those held onsite to meet the hatchery egg take goals. These stocks of steelhead also spawn December through February each year during the coldest time of the year and egg loss has been observed from freezing eggs. The project constructs a closed spawning facility that allows temperatures to remain above freezing to improve spawning efficiency and improve employee working conditions. The Skamania Hatchery produces 70,000 summer steelhead, 85,000 winter steelhead, and 16,000 coastal cutthroat trout.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The project will renovate and update steelhead adult collection, sorting, and spawning area. This has been identified to reduce stress and mortality on native stock adult steelhead that return to this hatchery. The current sorting and spawning area is very old, in poor condition, and has no mechanical advantage to improve handling of spawning fish and safety of the staff. Safety is a priority for staff and with the addition of adult handling equipment, this issue, as well as improved survival of fish, will be remedied. Due to the spawn timing of steelhead in December through February, freezing temperatures are a major concern for the gametes during spawning.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project will add a return to stream pipe for natural origin steelhead from within the sorting/spawning area. A fully enclosed spawning area to reduce harmful freezing temperatures during spawn time in December and January will also be added. The gametes are very susceptible to freezing and spawning in the weather results in high mortality. Other additions include stainless steel tables; a sink with water; stainless steel kill rack or table to lay sorted adults out on to keep separate for DNA and sampling purposes (CRITFIC, above Bonneville Dam plants); heaters to enclosed spawning area; a false floor/brail system to sort adults and bring them up to the spawning tables; a lifting system for removing screens/racks within the adult ponds (currently hand pulled and very dangerous due to the position of the screens); and installation of some sort of electro narcosis system for handling adults during times of adult steelhead handling (currently use MS-222 which limits the use of the fish due to withdrawal time of the drug). These improvements will produce a more efficient and safe adult handling area for staff and fish.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**The result of not taking action would be reduced natural origin steelhead and hatchery origin steelhead survival, causing a lack of returning fish to the lower Columbia River system. Staff injuries would be avoided with an improved work area.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele most directly impacted are Columbia River Treaty tribes and non-treaty recreational fisher persons. Steelhead raised at this facility are specifically for harvest opportunity in the Washougal River, Columbia River tributaries and the lower Columbia River up to the Klickitat River. The steelhead raised at this facility contributes to Treaty Tribal fisheries and non-treaty fisheries (sport fishing).**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000839

Project Title: Skamania Hatchery - Renovate Adult Trapping & Spawning Facilities

Project Class: Preservation

**Description**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None identified.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife.**

**Goal 2: Provide sustainable fishing opportunities.**

**Follow HSRG recommendations for steelhead and fulfills a tenant of the Federal Court Order US vs. Oregon to reach agreement to coordinate and meet hatchery rearing program goals with Treaty Tribes, Federal Government and State of Oregon.**

.8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request? **The Skamania Hatchery steelhead program utilizes fin clipped hatchery steelhead for broodstock. All native steelhead adults collected are inventoried and returned to the river for natural spawning. Strict adult collection protocols have been developed for the hatchery to implement and ensure the rearing program is fully intragrated to meet natural spawning population's goals and provide for sustainable fishery opportunities throughout the watershed and Lower Columbia River Basin.**

**Location**

City: Unincorporated

County: Skamania

Legislative District: 014

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,063,000				
	<b>Total</b>	<b>5,063,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			900,000	4,163,000	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000839

**Project Title:** Skamania Hatchery - Renovate Adult Trapping & Spawning Facilities

**Project Class:** Preservation

**Funding**

Total

0

0

900,000

4,163,000

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000689

**Project Title:** Dungeness Hatchery Pond Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000689

Project Title: Dungeness Hatchery Pond Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 50

#### Project Summary

The WDFW is proposing to construct new adult fish collection, holding, and spawning facilities at its Dungeness Hatchery. Additionally, the Department is proposing to replace the existing large fish release pond. The adult fish facility and large release pond were initially constructed over 50 years ago and are in poor condition and do not meet current environmental regulations or comply with new fish handling requirements established by the Federal Agencies in recovering listed salmon and bull trout species in the Dungeness watershed. The adult fish facilities are labor intensive and the employee work areas should be improved to ensure a safe work environment. The existing facilities require cumbersome and non-fish friendly handling procedures when processing listed fish species that compromise overall survival rates. Dungeness hatchery produces 50,000 spring chinook for wild salmon recovery, 500,000 coho, 10,000 winter steelhead, and 120,000 pink salmon on odd years.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The current adult pond and handling system configuration was not designed to efficiently handle small numbers of listed fish to include in the hatchery's brood stock program or to be passed in a timely and fish friendly manner upstream to booster natural spawning populations of listed fish. The existing facilities expose staff and local community volunteers to risk of falling and/or back injuries given the slope of the ponds and the facilities require significant lifting heights of adult fish to process for spawning on site or returning fish back to the river to increase natural spawning populations. The Dungeness hatchery has been identified as key element in the Puget Sound Chinook Recovery Plan and supplements the rebuilding of listed natural spawning chinook throughout the watershed. The hatchery also is required to ensure timely and safe passage of listed bull trout and steelhead above the existing hatchery facility to improve survival. The large release pond has been identified for replacement to continue the coho rearing program. This pond is currently programed to rear 500,000 coho annually for release. These fish are all fin clipped and provide for directed and selective fishery opportunities throughout Washington's marine waters. This request is to ensure that the hatchery rearing program and facilities are fully integrated into a watershed approach that improves the survival of natural spawning populations while maintaining economic benefits of fish reared at Dungeness hatchery that are reared to contribute to recreational, commercial and tribal fisheries in the watershed, Straits of Juan De Fuca and northern coastal marine waters.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The proposed project will be constructed within the existing hatchery grounds foot print. The proposed project includes new adult fish collection, holding, and spawning facilities at the Dungeness Hatchery. Additionally, the project is proposing to replace the existing large fish release pond.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Constructing the proposed project will ensure compliance with federal and state standards, guidelines and specific operating permit requirements. It will also allow the Department to meet the Hatchery Scientific Review Groups recommendations to better integrate the hatchery's operations into assisting the recovery of depressed salmonid species and stocks. Not addressing the problem will slow down recovery of listed stocks and may put the hatchery at risk for future operations due to noncompliance issues.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**The Dungeness Hatchery is a part of the Sequim community and provides for directed recreational, commercial, and treaty tribe fishers. It is also a key component of the Puget Sound Recovery Plan for listed salmonid species. If these efforts are not continued, it is likely that more federal oversight over state and local government decisions and authority would result in future proposed land and water development actions. The operation of the Dungeness Hatchery is also**

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000689

Project Title: Dungeness Hatchery Pond Renovation

Project Class: Preservation

### Description

unique in that the State (WDFW) and the local Agnew Irrigation District share a common water diversion from the Dungeness River. Providing certainty for the hatchery should also provide a higher level certainty for this district as well.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None anticipated at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This program supports the strategic plan in several Goals, Objectives and Activities listed below;**

**Agency Goal - #1: Healthy and Diverse Fish and Wildlife Populations and Habitats**

**Agency Objective - #3: Ensure Compliance with Regulations**

**Agency Activity - #11: Ensure WDFW Compliance with ESA and Other Government Regulations**

**Performance Measure – B: Increase the percentage of hatchery programs operated in a manner consistent with federal ESA requirements.**

**Agency Goal #2: Sustainable Fish and Wildlife –related Opportunities**

**Agency Objective #6: Provide sustainable high quality fish and wildlife-related recreational and commercial opportunities while improving the economic well-being of Washington, compatible with maintaining healthy fish and wildlife populations and habitats**

**Agency Activity #18: Conduct fish and wildlife production activities.**

**Performance Measure – B: Consistent with maximizing fishing opportunities while meeting wild stock restoration goals, increase the number of salmon smolt (in millions) released annually.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**This project relates to Puget Sound Recovery. Part of the existing rearing program is supported by a grant from NOAA supporting at risk Chinook stocks in Puget Sound.**

**Immediate benefits will be recognized for water budget and fish passage which contribute to NTA and PSAA.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**Dungeness Hatchery supports ESA listed Puget Sound Chinook stocks and provides directly to treaty and nontreaty fisheries.**

**Along with compliance and water budgeting efficiencies, this new design will greatly increase staff efficiencies, improve fish conditions improving overall survival, and improve employee and volunteer working conditions.**

**The Dungeness Hatchery demonstrates a long-standing partnership between the Department and the Irrigation District in an effort to provide local benefits to the communities they are part of.**

### Location

City: Sequim

County: Clallam

Legislative District: 024

### Project Type

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000689

Project Title: Dungeness Hatchery Pond Renovation

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	12,319,000				
	<b>Total</b>	<b>12,319,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			1,819,000	10,500,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,819,000</b>	<b>10,500,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000600

**Project Title:** Humptulips Hatchery Renovate Ponds

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000600

Project Title: Humptulips Hatchery Renovate Ponds

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 51

#### Project Summary

The Humptulips River is a popular fishing destination for recreational fisheries and provides directed fishing opportunities to commercial and treaty tribes in the region. Humptulips Hatchery's rearing program rears and releases fin clipped salmon and steelhead for directed selective recreational fisheries consisting of 500,000 yearling coho, 500,000 chinook, over 150,000 steelhead (summer and winter stocks) and resident trout for plants in the Gray Harbor region. Fishing opportunities are a high community value and economic mainstay for this region of the state. Restoration of the hatchery will assure these fish rearing programs and fishery opportunities will be maintained into the future. Many of the facilities infrastructure are old and outdated and do not meet the current standards for proper fish culture practices of today. The project addresses the facilities failing infrastructure and modernizing the rearing and adult handling facilities to meet current fish culture guidelines and standards.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request. **The asphalt ponds are deteriorating and are difficult to use with the requirements of contemporary adult handling facilities and fish rearing requirements. Additionally, the adult asphalt pond does not allow for effective management of fish and requires extensive handling with increased mortality of adult fish. The new adult handling facilities will provide for an effective means of returning native fish back to the stream with minimal damage and an increased opportunity for survival. The improved ponds will allow for better segregation of species as well as being able to better manage fish spawn timing. The new adult handling facilities would provide better access for staff, allowing for a safer means for management of adult fish. Replacing the two large asphalt release ponds with six large concrete raceways will reduce juvenile fish mortalities and improve overall hatchery fish survival and contributions. Converting the existing concrete ponds into raceways by extending the existing center walls will greatly improve water quality, resulting in higher quality of hatchery smolts released into the Humptulips River Basin. Upgrading the bird exclusion facilities will improve cost efficiencies of this hatchery's operations. This project is consistent with the Hatchery Reform principles and recommendations.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This request will convert the existing inefficient adult collection pond into three 20 X 128 foot WDFW standard adult collection ponds with crowders and brails. There should also be options for presorting returning adults which will aid staff in returning wild fish back to the stream. It will also replace the two ½ acre ponds with 6 20 X 150 concrete rearing ponds, extend the inner wall in the 10 standard raceways and improve the outfall of the raceways to reduce the impact on fish released from these ponds. These additions will greatly improve fish health and release of high quality smolts. Upgrading the bird predation exclusion facilities will improve cost efficiencies of this hatchery's operations.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Replacement of the adult handling and rearing ponds will improve fish management and efficiency through stock segregation and timing as well as increasing survival of native and hatchery fish. New facilities will provide safe working conditions for employees. Without these upgrades, it is very difficult to meet Hatchery Scientific Review Group recommendations.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This project will ensure continued and future commercial, tribal and recreational selective fishing opportunities for Washington citizens. It also provides for a safe environment for employees and the public when visiting the facilities.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000600

Project Title: Humptulips Hatchery Renovate Ponds

Project Class: Preservation

**Description**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None identified at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies: Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B: Hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources.**

**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Strategies: Increase recruitment and retention of customers by improving the marketing of fishing, hunting and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objective D: Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not Applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**This project was recommended in a Hatchery Assessment Report and is consistent with the Hatchery Scientific Review Group (HSRG).**

**Location**

City: Unincorporated

County: Grays Harbor

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and doesn't expect this renovation to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000600

Project Title: Humptulips Hatchery Renovate Ponds

Project Class: Preservation

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,268,000				
	<b>Total</b>	<b>4,268,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			4,268,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,268,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department will renovate an existing asset and doesn't expect this renovation to have additional impacts to the operating budget.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000841

**Project Title:** Bingham Creek - Replace 5 Raceways

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000841

Project Title: Bingham Creek - Replace 5 Raceways

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 54

#### Project Summary

The proposed project is to replace existing concrete rearing ponds built in 1948. Original design and construction standards estimated 30 to 40 year usability for these ponds. During the past 20 years, the hatchery crew has made a number of repairs to these ponds to keep them in service; however these types of repairs are no longer feasible given the overall failing and crumbling condition of the existing concrete. The ponds are needed to maintain the current hatchery coho salmon rearing program and loss of these ponds will eliminate the opportunity to rear 450,000 coho for release into the Satsop River. Coho released from Bingham Creek Hatchery are all fin clipped and provide directed fishery opportunities throughout the Satsop River Basin, Lower Chehalis River, Grays Harbor and Washington State coastal waters. Fisheries include recreational, commercial, and treaty tribes.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request. **The current Burroughs style concrete ponds were built in 1948 and are in very poor condition and are not water or fish tight. Concrete is deteriorated and ponds allow water and fish passage between ponds which contribute to very poor fish culture and results in fish health issues and higher mortality rates. Improving these ponds is a Hatchery Scientific Review Group (HSRG) and Hatchery Assessment Report recommendation. Ponds identified for replacement are primarily used to rear coho salmon. These fish are all fin clipped to provide directed selective fisheries opportunities throughout Washington's coastal marine waters as well as opportunities within Grays Harbor and the Satsop River Basin.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **The project should not be phased. The project is currently scheduled during fiscal years 23-25. The project will replace the out-dated Burroughs style rearing ponds with WDFW standard raceways and will greatly improve fish health, reduce mortality rates, and result in improved adult fish return rates.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**We would continue to use the ponds to rear fish, but fish health would suffer due to poor flow patterns, concrete deterioration, and fish and water transfer between ponds.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Five (5) new WDFW standard designed raceways would replace the out-dated ponds. Improved rearing conditions would improve juvenile survival to increase adult returns which, in turn, allows for more fishing opportunity and catch to all fishers which includes treaty tribal, commercial, and recreational sport fishers.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None associated with this proposed project.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**WDFW has not identified available non-state funds for this proposed project.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Improved rearing conditions would improve juvenile salmon survival to increase adult returns which will allow for**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000841

Project Title: Bingham Creek - Replace 5 Raceways

Project Class: Preservation

**Description**

more fishing opportunity to all fishers to include tribal, commercial, and sport fishers.  
**Goal 1: Conserve and protect native fish and wildlife**  
**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**  
**Strategies:**  
 Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.  
**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**  
**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**  
**Objective B: Hatcheries and public access sites are safe, clean and effectively support people’s use and enjoyment of natural resources.**  
**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**  
**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**  
**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**  
**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department’s activities.**  
**Strategies:**  
 Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.  
**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**  
**Objective D: Work environments are safe, highly functional, and cost-effective.**  
 8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
 9. Is there additional information you would like decision makers to know when evaluating this request?  
**The old Burroughs ponds are 64 years old and have out-lived the useful years. The recommendation to upgrade the Burroughs style ponds is stated in both the Hatchery Assessment Report and in the Hatchery Scientific Review Group (HSRG) report.**

**Location**

City: Unincorporated

County: Mason

Legislative District: 035

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,105,000				
	<b>Total</b>	<b>2,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000841

Project Title: Bingham Creek - Replace 5 Raceways

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State			2,105,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,105,000</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000672

**Project Title:** Sol Duc Hatchery - Ponds Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000672

Project Title: Sol Duc Hatchery - Ponds Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 55

#### Project Summary

The department is seeking approval to replace existing concrete ponds and one large asphalt pond that were constructed over 50 years ago. Critical review of the hatchery designs and practices has come under tremendous scrutiny in recent years. Science-based studies and reviews have identified new fish rearing standards that will improve fish rearing conditions at a number of hatchery facilities. Additionally water quality standards for hatchery cleaning wastes have been implemented since the construction of the Sol Duc Hatchery. Construction of new concrete rearing ponds will meet current fish culture standards and allow the hatchery staff to routinely vacuum clean fish waste into appropriately sized treatment facility to assure compliance with all federal and state water quality regulations and standards. Sol Duc Hatchery provides 320,000 Chinook, 500,000 fall and 100,000 summer coho, 32,000 steelhead and 10,650 trout species for directed fishery opportunities for recreational, commercial and treaty tribal fishers. Additionally Sol Duc provides for incubation and early rearing of Elwha Chinook to assist in that river's recovery plan.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**Outdated 54 year old concrete Burrows (recirculating) style ponds and acre asphalt pond are not conducive to healthy fish rearing and do not meet current guidelines and recommendations for current sound fish culture practices. The ponds have overreached their projected life expectancy and are beginning to deteriorate.**

**The acre pond is difficult to clean, having impacts on discharges into the Sol Duc River.**

**Pollution Abatement facilities are undersized and need to be expanded to ensure hatchery effluents will meet federal and state water quality standards into the future.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project replaces ponds built in 1964 that have deteriorated and do not meet current fish culture standards.**

**The undersized pollution abatement pond will be replaced to meet state and federal water quality standards. WDFW is requesting that this project not be phased to maximize construction set up and construction costs.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Replacing 12 rearing ponds and 1 acre pond will improve fish health and condition resulting in higher survival of all species reared at Sol Duc Hatchery.**

**Expanding the pollution abatement facilities will improve water quality and compliance with state and federal regulations.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**If this project is funded, clientele most directly impacted are recreational, commercial, and treaty tribal fishers.**

**Additionally, clientele that have investments and involvement in the Elwha River Chinook Restoration Plan will have interest in this proposed project.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**NO.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**The Department requests 057-1 State Building Construction Funds for this project.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000672

Project Title: Sol Duc Hatchery - Ponds Renovation

Project Class: Preservation

**Description**

7. Describe how the project supports the agency’s strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1: Conserve and protect native fish and wildlife**

**Objectives:**

**A. The ecological integrity of critical habitat and ecological systems is protected and restored.**

**B. Washington’s fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.**

**C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies:**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objectives:**

**A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**B. Hatcheries and public access sites are safe, clean, and effectively support people’s use and enjoyment of natural resources.**

**C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care**

**Objectives:**

**A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department’s activities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objectives:**

**D. Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**In addition to providing tribal and recreational fishing opportunities in an economically depressed area, Sol Duc also provides support by incubating and rearing ESA listed Elwha Chinook, therefore directly supporting the Elwha River Chinook Recovery Plan.**

**Location**

City: Forks

County: Clallam

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Expenditures

2017-19 Fiscal Period

477 - Department of Fish and Wildlife  
 Capital Project Request

2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000672

Project Title: Sol Duc Hatchery - Ponds Renovation

Project Class: Preservation

**Funding**

Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	11,204,000				
	<b>Total</b>	<b>11,204,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State			11,204,000	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>11,204,000</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000721

**Project Title:** Mayr Brothers Hatchery - Intake Replacement

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000721

Project Title: Mayr Brothers Hatchery - Intake Replacement

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 56

#### Project Summary

The Mayr Brothers Pond is a WDFW owned facility that is operated cooperatively with a local watershed salmon recovery organization, Grays Harbor Poggie Club. The facility was acquired by the Department as directed by the legislature, with the understanding that the day to day care of the facility would be the primary responsibility of the club with major construction and capital improvements being born by WDFW. The project supports the rearing and release of 300,000 coho, 200,000 chinook and 100,000 chum salmon annually. Fish released from this facility contribute to harvest of salmon in the Pacific Ocean, Gray Harbor and the local watershed fisheries.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request. **The current intake and fish ladder at Mayr Bros. Hatchery do not meet new federal regulations and state standards for providing additional protection to natural spawning populations of salmonids which require redesign and construction of in-river hatchery support facilities. Upgrade of intake screens is also a recommendation of the Hatchery Scientific Review Group (HSRG). The fishway is undersized resulting in excessive turbulence in the fishway pools which precludes upstream migration of native salmonids.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **Redesign of the pump intake and fish ladder will improve wild fish passage and reduce potential of out-migrating juveniles of impingement on intake screen surface.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **Upgrading the current intake and fish ladder will meet federal and state screening and fish passage regulations and guidelines.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Improving fish passage will benefit all user groups within Grays Harbor and coastal fisheries to include tribal, commercial and recreational fishers.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None.**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?  
**None identified.**
7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. **A 2004 intake assessment found this intake fails to comply with federal and state fish screening and fish passage criteria and should be corrected. The proposed project fulfills the Hatchery Scientific Review Group (HSRG) principles and recommendations and contributes to rebuilding natural spawning populations of salmon and steelhead.**  
**Goal 1: Conserve and protect native fish and wildlife**  
**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**  
**Strategies**  
**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000721

Project Title: Mayr Brothers Hatchery - Intake Replacement

Project Class: Preservation

**Description**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**  
**Objective A:** Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.  
**Objective B:** Hatcheries and public access sites are safe, clean and effectively support people’s use and enjoyment of natural resources.  
**Objective C:** Tribal treaty coordination and implementation is achieved with adequate resources.  
**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**  
**Objective A:** Conservation of fish and wildlife is widely supported by communities across Washington.  
**Objective B:** The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department’s activities.  
**Strategies**  
 Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.  
**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**  
**Objective D: Work environments are safe, highly functional, and cost-effective.**  
 8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions  
**Not applicable.**  
  
 9. Is there additional information you would like decision makers to know when evaluating this request? **The intake screens are a recommendation of the Hatchery Scientific Review Groups (HSRG). The proposed project also integrates the hatcheries rearing program with providing for self-sustaining natural spawning populations within the watershed for both ocean-going and resident species of fish.**

**Location**

City: Aberdeen

County: Grays Harbor

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,860,000				
	<b>Total</b>	<b>1,860,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State			1,860,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,860,000</b>	<b>0</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000721

**Project Title:** Mayr Brothers Hatchery - Intake Replacement

**Project Class:** Preservation

**Operating Impacts**

---

**No Operating Impact**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000677

**Project Title:** Nemah Hatchery - Intake and Pond Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000677

Project Title: Nemah Hatchery - Intake and Pond Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2024

Agency Priority: 57

#### Project Summary

The Nemah Hatchery is old and in poor condition and the water withdrawal intakes do not comply with existing federal regulations and state guidelines for fish passage and screening. The existing adult trapping and holding facilities do not meet Agency policies to improve hatchery operations to best assist in the recovery of natural spawning populations above the intake facilities. The project rebuilds the existing water intake, adult fish holding facilities and rearing ponds all in alignment with HSRG recommendations. Funding of this project will allow a long-term sustainable approach of providing directed fishery opportunities and ensure natural spawning populations in the watershed are maintained and enhanced. Nemah Hatchery's rearing program rears and releases fin clipped salmon for directed selective recreational fisheries. This program consists of 3,300,000 Chinook, 300,000 chum and just over 21,000 rainbow trout for plants into Pacific County lakes.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request. **The Hatchery Scientific Review Group (HSRG) recommended rebuilding and replacing the adult pond and adult trapping facility to allow for improved sorting and upstream passage. To improve adult collection and upstream passage, the adult handling facility should be moved adjacent to the intake and barrier dam site. To do this, the 6 standard 10 X 100 foot raceways would also need to be demolished and rebuilt where the current adult ladder and trap are located. Additionally, new federal regulations and state standards for providing additional protection to natural spawning populations of salmonids require redesign and construction of in-river hatchery support facilities. Moving the adult handling facility adjacent to the intake will also eliminate the potential of de-watering the section of the North Nemah between the barrier dam and the hatchery discharge, which is approximately 300 feet of river.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **This request will produce standard WDFW adult holding trapping and spawning facility and fishway and will provide a pre-sorter with powered crowders which will aid in passing wild salmonids upstream to assist in rebuilding natural runs. The project includes construction of 6 WDFW standard 10 X 100 foot raceways for early fish rearing where the current adult trapping facility is located. The plan includes upgrading the pump intake to meet federal and state fish passage requirements; improved fish collection ponds to include a pre-sorting facility to enable staff to collect wild salmon for return to river; and to remove hatchery fish to meet HSRG guidelines and reduce impacts to wild salmonids. The Department is requesting that this project be funded in the 2023 -25 Biennium. The project could be phased one biennium for design and permitting and funding for actual construction the following biennium.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**The fish weir located at the base of the fish ladder is about to fail, support beams are sheared off and much of the structure is rotten. Moving the adult trapping facility near the barrier dam will allow staff to remove hatchery fish and pass wild salmonids upstream to spawn naturally. By not making these improvements, HSRG guidelines may not be met and our facility will continue to be out of compliance with both federal and state passage and screening requirements.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**This will impact our fishing community in both commercial and sport fishers. It will enable WDFW staff to collect wild salmonids for their return to river, reducing impact on the wild fish. It will also aid in removing hatchery fish as required to meet HSRG guidelines.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000677

Project Title: Nemah Hatchery - Intake and Pond Renovation

Project Class: Preservation

**Description**

requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None identified at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The proposed project fulfills the Hatchery Scientific Review Group (HSRG) principles and recommendations and contributes to rebuilding natural spawning populations of salmon and steelhead. The project would increase public participation and economic benefits of commercial and recreational fisheries by developing promotional partnerships, expanding sustainable fishing opportunities and optimizing the use of hatchery programs.**

**Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies:**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B: Hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources.**

**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objective D: Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

**Location**

**City:** South Bend

**County:** Pacific

**Legislative District:** 019

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Expenditures

2017-19 Fiscal Period

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000677

Project Title: Nemah Hatchery - Intake and Pond Renovation

Project Class: Preservation

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	7,377,000				
	<b>Total</b>	<b>7,377,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			7,377,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>7,377,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000842

**Project Title:** Forks Creek Hatchery - Raceway Replacement and Supply Pipeline

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000842

Project Title: Forks Creek Hatchery - Raceway Replacement and Supply Pipeline

Project Class: Preservation

### Description

Starting Fiscal Year: 2026

Agency Priority: 58

#### Project Summary

Forks Creek hatchery was originally constructed in 1899 and renovated in 1953, with capital investments for new ponds in 1972. Forks Creek Hatchery is located in Pacific County within the Willapa Watershed. Concrete and fiberglass ponds that were constructed in the early 1970's are in very poor condition and no longer water or fish tight. Water delivery and drain lines have developed significant leaks making it almost impossible to properly control fish populations and water flow requirements in each pond. Both factors lead to poor fish culture practices and added stress and mortalities to fish reared at this facility. Replacing these ponds and water delivery lines will directly improve fish rearing conditions and health of fish reared at this facility.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.) **Replace rearing ponds with new concrete raceways and water supply and drain lines. Existing rearing ponds are in very poor condition, raceways are crumbling, and flow patterns are poor due to outdated design specifications. Water delivery systems are in very poor condition and have developed significant leaks.**
2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. **Replace the current rearing units with new standard WDFW raceways that match the current rearing space cubic feet and meet current sound fish culture design criteria. Project is proposed to begin in the 2025-27 biennium and phased to be completed in the 2027-29 biennium. Project is planned to be constructed on existing hatchery property.**
3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action? **The proposed project would replace all failing infrastructure at Forks Creek Hatchery. New rearing ponds would be constructed to meet current state-of-the-art and current fish culture standards, resulting in reduced stress in cultured fish and improved survivals. In current condition with no action, the water supply lines and pond integrity could fail which would result in fish loss, which would in-turn impact adult returns and loss of income to local economies.**
4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. **Clientele directly impacted with this proposal are the Willapa Bay Commercial Fishing Industry and recreational fisheries that fish off Washington State coastal waters as well those who fish in the Willapa Bay Basin. Clientele also impacted by this request directly are the small business throughout the region that process and market commercially caught fish, fishing gear manufactures, boats and motors, and small stores that retail fishing related gear. The project replaces the current 8, 20X80 foot raceways with 16 new designed 10X80 concrete WDFW designed raceways and replace the fiberglass ponds with 4, 10X100 WDFW standard designed concrete raceways. Forks Creek Hatchery rears 350,000 chinook, 300,000 coho, 520,000 chum, 40,000 steelhead and 4,000 trout annually.**
5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
**None**
6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000842

Project Title: Forks Creek Hatchery - Raceway Replacement and Supply Pipeline

Project Class: Preservation

### Description

No.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. **This project will improve fish rearing conditions and over all fish health. Improved fish health will increase fish survival which will ensure adult returns to contribute to commercial and sport harvest. Goal 1: Conserve and protect native fish and wildlife**

**Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategies:**

**Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B: Hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources.**

**Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Strategies:**

**Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.**

**Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Objective D: Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**Not applicable.**

9. Is there additional information you would like decision makers to know when evaluating this request? The raceway replacement is documented in the Hatchery Assessment Report.

**Forks Creek Hatchery is an important salmon producing facility that provides for directed fishery opportunities for Washington fishers. Willapa Bay supports a predictable fishery opportunity as stocks throughout the basin are generally considered healthy with no listed salmon species in the basin. The Forks Creek Hatchery rearing program and hatchery operational protocols have been designed to fully utilize this hatchery's rearing opportunities, while ensuring natural spawning populations are enhanced.**

### Location

City: Raymond

County: Pacific

Legislative District: 019

### Project Type

Remodel/Renovate/Modernize (Major Projects)

### Growth Management impacts

The Department is renovating an existing asset and does not expect impact to growth management.

### Funding

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000842

Project Title: Forks Creek Hatchery - Raceway Replacement and Supply Pipeline

Project Class: Preservation

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	6,655,000				
	<b>Total</b>	<b>6,655,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State				6,655,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,655,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000681

**Project Title:** Elwha Channel Hatchery Renovation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000681

Project Title: Elwha Channel Hatchery Renovation

Project Class: Preservation

### Description

Starting Fiscal Year: 2026

Agency Priority: 59

#### Project Summary

The Elwha Rearing Facility was constructed over 60 years ago and the facilities are in very poor condition and do not meet existing sound fish culture standards. The proposed project includes improved fish rearing ponds; replacing long, deep, and crumbling asphalt channels with new concrete raceways; and supplying those raceways with individual water supplies to ensure optimum water quality and ideal fish rearing conditions for Elwha Fall Chinook. The objective of this hatchery is to assist in the recovery of native natural spawning Chinook throughout the Elwha River Basin. Additionally the project identifies the design and construction of a new adult fish collection and holding ponds to improve the collection and survival of returning Chinook adults; the current adult pond does not effectively attract returning fish and is very shallow that results in added stress, disease and prespawning mortality. The project includes building and incubation facility onsite to improve overall survival of Chinook eggs. Currently all eggs spawned at Elwha are transferred to other WDFW facilities for hatching and initial feeding prior to being transferred back to Elwha for final rearing and release. By creating the opportunity to keep eggs on site until hatch will improve survival and reduce risks of pathogen dissemination and spreading disease from one watershed to another. Finally the project identifies the replacement of two trailer houses for onsite for standby employees to reside to ensure water flows are maintained to the fish 24 hours a day and 365 days a year. The 50+ years of use have resulted in these residences being on the margin for future use. The Elwha Hatchery produces 2.7 million Chinook salmon.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**The existing large rearing channel is not conducive to good and sound fish culture practices. The Hatchery Scientific Review Group (HSRG) has made recommendations to replace the existing rearing channel with new state-of-the-art rearing ponds. Existing facilities will be over sixty years old and are in poor and unsafe condition.**

**The existing adult pond is very shallow and wide and does not efficiently attract adult fish to return. This has resulted in very intensive brood stock collection methods to meet egg take goals. These methods include netting the river, gaffing in the river as well as hook and line captures of adult fish, all very labor intensive and all very stressful to the fish. The shallow adult pond is not consistent with holding conditions that are conducive for Chinook salmon prior to spawning. This has resulted in added stress and higher mortality of prespawning adult fish.**

**New fish health and fish disease issues have been associated with the removal of the dams and the resulting heavy silt loads in the Elwha River and hatchery facilities. These conditions will persist until the new river banks are stabilized and the new riparian zones are fully restored.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**The project consists of demolishing the existing asphalt fish rearing channel and residences. These will be replaced with new raceway rearing ponds, a half-acre release pond, bird exclusion, incubation, and new residences.**

**This project reduces the deferred maintenance backlog on the Department's hatchery facilities.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**New ponds will improve fish inventory monitoring, fish health treatments, water use efficiency, water quality within the rearing units, and reduce predation, all improving the survival and condition of the fish reared and released into the Elwha river. Additionally, the new ponds will improve the staff's ability to clean the ponds and improve water quality discharged from the hatchery.**

**The current large asphalt ponds are very steep and deep replacing these ponds with new state-of-the-art rearing ponds will improve employee safety and working conditions.**

**Replacing double wide trailer residences with new residences will provide housing for employees who are needed to provide standby and response to water flow emergencies.**

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000681

Project Title: Elwha Channel Hatchery Renovation

Project Class: Preservation

**Description**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele most directly associated with this proposed project are recreational, commercial, and treaty tribal fisheries. Restoring Elwha Chinook populations has been identified by the federal government, NOAA, as essential for delisting Chinook within the Puget Sound ESU. Delisting of Chinook will reduce federal oversight on state and local governments as well as citizen activities in the Elwha River Basin as well as in connected marine waters.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None identified at this time.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**This program supports the strategic plan in several Goals, Objectives and Activities listed below;**

**Agency Goal - #1: Healthy and Diverse Fish and Wildlife Populations and Habitats**

**Agency Objective - #3: Ensure Compliance with Regulations**

**Agency Activity - #11: Ensure WDFW Compliance with ESA and Other Government Regulations**

**Performance Measure - B: Increase the percentage of hatchery programs operated in a manner consistent with federal ESA requirements.**

**Agency Goal #2: Sustainable Fish and Wildlife -related Opportunities**

**Agency Objective #6: Provide sustainable high quality fish and wildlife-related recreational and commercial opportunities while improving the economic well being of Washington, compatible with maintaining healthy fish and wildlife populations and habitats**

**Agency Activity #18: Conduct fish and wildlife production activities.**

**Performance Measure - B: Consistent with maximizing fishing opportunities while meeting wild stock restoration goals, increase the number of salmon smolt (in millions) released annually.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**This project is a key component to the Puget Sound Action Agenda and is directly related to recovery of Listed Chinook and steelhead populations in the Puget Sound ESU to sustainable levels and meeting delisting requirements associated with the Federal Recovery plan.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**This project is essential to the Elwha River Restoration Plan for restoring natural spawning Chinook levels to sustainable populations throughout the watershed.**

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Infrastructure (Major Projects)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000681

Project Title: Elwha Channel Hatchery Renovation

Project Class: Preservation

**Description**

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	14,307,000				
	<b>Total</b>	<b>14,307,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State				14,307,000	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,307,000</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000727

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

### Description

Starting Fiscal Year: 2016

Agency Priority: 65

#### Project Summary

The Department requests funds to replace and repair structures and infrastructure critical to protecting state assets, preventing lawsuits and fines, reducing the deferred maintenance backlog.

#### Project Description

##### List of projects requested for reappropriation:

Beaver Creek Intake \$600,000  
 Hurd Creek Flood Protection \$600,000  
 Omak Ponds \$100,000  
 Mellotte Bridge Replacement \$250,000  
 Snow Creek Fish Trap \$70,000  
 Hoodspout Hatchery Stairs \$40,000  
 Ringold Hatchery Main Pipeline Replacement \$500,000  
 Humptulips Electrical Upgrade \$300,000

#### What is the proposed project?

The Department requests funds to repair or replace failing structures or infrastructures critical to keeping facilities operational and for protection of staff, the public, and the environment. This category also includes projects necessary to meet legal mandates such as correcting fish passage barriers and Forest Practices Act barriers and roads. Other projects will provide hunting, commercial, Treaty Tribal, and recreational fishing and other recreational opportunities that benefit the general public such as improving access areas, bridges, and roads and increasing revenue to the local economies, especially rural communities.

#### What opportunity or problem is driving this request?

The Department relies heavily on its infrastructure and structures to provide critical services benefiting the public and the environment. These assets are decaying and failing and need to be repaired or replaced. Included in this category are projects that are legally mandated and need to be renovated or repaired to comply with federal and state laws such as Clean Water Act, Road Maintenance and Abandonment Plan (RMAP) and fish passage barrier removals. Other projects include renovating or repairing current assets which directly benefit the public and the environment. These projects, such as recreational access improvements and hatchery infrastructure improvements enable the Department to provide valuable services by improving recreational, hunting and fishing opportunities and results in increase revenue to the local economies. These projects also reduce the backlog reduction plan. Also included within this list of projects are Hatchery Scientific Review Group (HSRG) projects which increase protection to ESA listed fish.

#### How does the project support the agency and statewide results?

Goal 1: Conserve and protect native fish and wildlife

Objectives:

- A. The ecological integrity of critical habitat and ecological systems is protected and restored.
- B. Washington's fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.
- C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.

Objectives:

- A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.
- B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.
- C. Tribal treaty coordination and implementation is achieved with adequate resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000727

**Project Title:** Minor Works Preservation

**Project Class:** Preservation

### Description

high-quality customer care

Objectives:

- A. Conservation of fish and wildlife is widely supported by communities across Washington.
- B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.
- C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.
- D. The Department responds to citizens and customers' needs in a timely and effective way.

Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objectives:

- C. Achieve operational excellence through effective business processes, workload management, and investments in technology.
- D. Work environments are safe, highly functional, and cost-effective.

This project supports the following Statewide Results:

#### **Improve the health of Washingtonians**

These projects help improve the environment by improving the discharge of water into the rivers of Washington state. Some of these projects will also provide safe working conditions for Department's employees. These projects also protect the public who visit or live near our facilities.

#### **Improve the quality of Washington's natural resources**

This project will protect the natural resources by protecting fish and wildlife, and their habitats. This project will also preserve, maintain and restore natural systems and landscapes.

#### **Improve the economic vitality of businesses and individuals**

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting sustainable fishing and hunting opportunities. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish and wildlife populations for the residents in Washington State for socioeconomic benefits.

#### **Improve the safety of people and property**

This project will prevent accidents and prepare the Department in case of an emergency. This project could also prevent human and wildlife conflict making highways safer and protecting Washington State's resources. By improving and repairing infrastructures and structures, the Department will preserve and protect existing state property.

#### **Improve the cultural and recreational opportunities throughout the state**

Through its hunting and wildlife viewing opportunities, the Department can provide stewardship of cultural and recreational assets while ensuring awareness and quality opportunities to hunt and view wildlife. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish and wildlife populations for the residents in Washington State for socioeconomic benefits.

#### **What are the specific benefits of this project?**

These projects will repair infrastructure critical to operations and may protect the public and staff from hazardous structures, prevent fish loss, reduce the negative impacts to the environment, and prevent facility closures. Included in his request are Hatchery Scientific Review Group's (HSRG) recommendations imperative to reduce the negative effects hatchery operations can have on wild fish populations. Other projects will allow the Department to comply with state laws through mitigating fish passage and RMAP issues.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

**Description**

**How will clients be affected and services change if this project is funded?**

These projects will improve services to the Department's clients. The public who uses the Department's recreational areas will see improved ramps, bathroom facilities, bridges, dams, and roads; which in some cases are unusable or unsafe.

**How will other state programs or units of government be affected if this project is funded?**

These projects could positively affect other state agencies such as DNR by reducing the Department's RMAP issues; Tribal governments who rely on the Department's hatcheries to produce fish; Department of Ecology who regulate the Department's dam, waters sources, and water quality.

**What is the impact on the state operating budget?**

These projects will renovate existing assets and is not expected to have additional impacts to the operating budget.

**Why is this the best option or alternative?**

The Department needs to fix these assets in order to maintain current operations. These projects help build better relationships with the Department's clients and improve the environment for the public, staff, fish and wildlife.

**What is the agency's proposed funding strategy for the project?**

The Department requests State Building Construction Funds for this project.

**How does this impact the economy?**

These projects improve hunting, wildlife viewing, recreational and commercial fishing opportunities which directly benefit the local economies. When feasible, the Department will use contract services for these projects, thus helping to create jobs in the private sector.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

Not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	9,230,000		6,770,000	2,460,000	
104-1	State Wildlife Accou-State					
	<b>Total</b>	<b>9,230,000</b>	<b>0</b>	<b>6,770,000</b>	<b>2,460,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000727

Project Title: Minor Works Preservation

Project Class: Preservation

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
104-1	State Wildlife Accou-State				
	<b>Total</b>	0	0	0	0

**Operating Impacts**

No Operating Impact

**Narrative**

If funded, the Department will renovate existing assets and doesn't expect any additional operating impacts.

**SubProjects**

SubProject Number: 30000852

SubProject Title: Beaver Creek Hatchery Intake Replacement

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 65

**Project Summary**

The Beaver Creek Intake project consists of bringing the intake into compliance with latest NOAA fish passage and fish protection standards including replacing a section of weir, replacing pumps, and extending the intake structure.

**Project Description**

As more fish production is being shifted to the Beaver Creek Hatchery, the additional water from the Elochoman River is essential for the hatchery to function. Difficulties in permitting including NOAA's change in criteria for Eulechon presence and a very short in-water construction window lead to unforeseen delays and the need for another year for construction.

**Location**

City: Cathlamet

County: Wahkiakum

Legislative District: 019

**Project Type**

- Facility Preservation (Minor Works)
- Health, Safety and Code Requirements (Minor Works)
- Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Operating Impacts**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

---

**SubProjects**


---

SubProject Number: 3000852

SubProject Title: Beaver Creek Hatchery Intake Replacement

SubProject Class: Preservation

No Operating Impact

---

SubProject Number: 3000853

SubProject Title: Hurd Creek Flood Protection

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 65

**Project Summary**

WDFW is requesting funding for Hurd Creek Hatchery flood protection. Increased sediment deposition in the Dungeness River has led to flood damage at the hatchery for 3 consecutive years. Wells, hatchery ponds, and other infrastructure are at risk.

**Project Description**

Increased sediment deposition in the Dungeness River has led to flood damage at the hatchery for 3 consecutive years. Wells, hatchery ponds, and other infrastructure are at risk. This project will include bank protection on the river and create a levee around the hatchery to minimize flood damage and flood water exposure at the hatchery. Additional flood protection is needed to protect fish life and hatchery operations.

Construction of this project would likely extend into summer 2017 due to constructability requirements.

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

**Operating Impacts**

No Operating Impact

---

SubProject Number: 3000743

SubProject Title: Omak Hatchery Replace existing round ponds

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000727

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 30000743

SubProject Title: Omak Hatchery Replace existing round ponds

SubProject Class: Preservation

Starting Fiscal Year: 2016

Agency Priority: 65

**Project Summary**

WDFW requests funds to replace existing failing round ponds at Omak Hatchery.

**Project Description**

**What is the proposed project?**

Replace existing failing round concrete ponds that are in very poor condition and have major water leaks.

**What opportunity or problem is driving this request?**

The Department believes there is a high risk of losing current production levels due to infrastructure failure.

**Location**

City: Omak

County: Okanogan

Legislative District: 007

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State					
	<b>Total</b>	0	0	0	0	0

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	0	0	0	0

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000727

Project Title: Minor Works Preservation

Project Class: Preservation

---

**SubProjects**


---

SubProject Number: 30000854

SubProject Title: Mellotte Bridge Replacement

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 65

**Project Summary**

The existing rail car crossing over Wenas Creek to the Cleman Mtn Unit provides the only access to the Mellotte winter elk feed site, which is critical for the management of the Yakima elk herd. The structure also provides the primary fire access to the Cleman Mtn Unit (~70,000 ac) of Wenas WLA as well as public access to this popular area for hunting and other wildlife-related recreation. Recent flood events have severely damaged the Southern abutment and washed out the timber bearings that the bridge deck rests upon causing the need for substantial and expensive temporary repairs. Because this rail car is not a formal bridge and has no formal underpinnings or abutments tying it to earth, the temporary nature of this makeshift crossing has put the agency at substantial liability for safety. Now that recent floods have damaged the structure that liability is increased. Coupled with the fact that this structure is not a formal bridge and the important access that this crossing provides, it is imperative that the agency install a permanent modern bridge appropriate for the demonstrated needs at this site.

**Project Description**

Total replacement of existing failing rail car creek crossing with new bridge. Project will include demolition of existing rail car, installation of new bridge, earth work related to construction of abutments and installation of new structure.

**Location**

City: Unincorporated

County: Yakima

Legislative District: 014

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department is replacing an existing asset and does not expect impact to growth management.

**Operating Impacts****No Operating Impact**

SubProject Number: 30000742

SubProject Title: Snow Creek Fish Trapping Structure

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000742

SubProject Title: Snow Creek Fish Trapping Structure

SubProject Class: Preservation

Starting Fiscal Year: 2016

Agency Priority: 65

**Project Summary**

WDFW requests funding for renovating the existing fish trap structure at Snow Creek. This station is critical to measuring salmon populations, which affects state and tribal policies.

**Project Description**

**What is the proposed project?**

The Department proposes to renovate the existing fish trap and biological assessment structure, including replacing the fish ladder, pickets, and fish diversion structures.

**What opportunity or problem is driving this request?**

The Snow Creek facility provides essential baseline information and is a critical biological index station to measure recovery of listed salmonid populations.

**Location**

City: Unincorporated

County: Jefferson

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect growth management.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State					
	<b>Total</b>	0	0	0	0	0
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	0	0	0	0	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

---

**SubProjects**

---

SubProject Number: 3000855

SubProject Title: Hoodsport Hatchery Staircase

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 65

**Project Summary**

WDFW is requesting funding to repair stairs at Hoodsport Hatchery. The existing stairs allowing the public to access the tidelands at low tide have failed and restricted recreational access.

**Project Description**

The existing stairs allowing the public to access the tidelands at low tide have failed and restricted recreational access. Due to the overwater nature of the stairs and the complex construction of fitting stairs into existing hatchery infrastructure, design and permitting has extending the project past the current environmental construction window. This project is needed to re-establish a popular fishing access to Hood Canal.

**Location**

City: Unincorporated

County: Mason

Legislative District: 035

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect impact to growth management.

**Operating Impacts****No Operating Impact**

---

SubProject Number: 3000856

SubProject Title: Ringold Hatchery Main Pipeline

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

---

**SubProjects**


---

SubProject Number: 3000856

SubProject Title: Ringold Hatchery Main Pipeline

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 65

**Project Summary**

WDFW requests funding to replace water supply lines and modify two water intakes at Ringold Hatchery. Temporary repairs, such as patching and bands, have maintained the lines, but there is concern of failure, resulting in loss of hatchery fish.

**Project Description****What is the proposed project?**

At the primary water supply the Department will remove, dispose, and replace over 1400 linear feet of 30 inch diameter pipe that is currently in poor condition. Additionally, the Department requests funds to replace secondary water supply lines to the hatchery that are also in poor condition. Part of the pipeline replacement includes updating the two intakes that support the hatchery.

**What opportunity or problem is driving this request?**

The water supply is at high risk. There is concern for potential catastrophic failure at the hatchery including loss of existing hatchery production, and damage to a county road. The county road is adjacent to the water supply lines and is the sole access point for the public, employees, and emergency personnel.

**Location**

City: Mesa

County: Franklin

Legislative District: 009

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect impact to growth management.

**Operating Impacts****No Operating Impact**

SubProject Number: 3000745

SubProject Title: Humptulips Major Electrical Upgrade

SubProject Class: Preservation

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000727

Project Title: Minor Works Preservation

Project Class: Preservation

**SubProjects**

SubProject Number: 3000745

SubProject Title: Humptulips Major Electrical Upgrade

SubProject Class: Preservation

Starting Fiscal Year: 2016

Agency Priority: 65

**Project Summary**

WDFW requests funding to replace major electrical systems at Humptulips Hatchery to ensure safe operations.

**Project Description**

**What is the proposed project?**

The systems are aged, undersized, and outdated, requiring new updated electrical switches and electrical components.

**What opportunity or problem is driving this request?**

Electrical service to the hatchery from the power grid is old, undersized, and outdated. This poses an operational risk for the hatchery and staff for predictable electrical service.

**Location**

City: Unincorporated

County: Grays Harbor

Legislative District: 019

City: Unincorporated

County: Grays Harbor

Legislative District: 024

**Project Type**

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect impact to growth management.

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		Future Fiscal Periods				
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 91000036

Project Title: Hatchery Improvements

Project Class: Preservation

**Description**

Starting Fiscal Year: 2013

Agency Priority: 66

**Project Summary**

The Department will repair or replace infrastructure to keep facilities operational.

**Project Description**

**Justification for reappropriation:**

The Department received this funding in the Jobs Act Now bill and anticipated reappropriating funds for construction this biennium. The Department is currently working with consultants to get these projects designed and permitted with the intention of construction starting this biennium.

**What is the project?**

The Department will repair or replace infrastructure to keep facilities operational.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Infrastructure Preservation (Minor Works)

**Growth Management impacts**

The Department will renovate existing assets and doesn't expect the renovation to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	34,775,000	22,035,000	2,230,000	10,510,000	
	<b>Total</b>	<b>34,775,000</b>	<b>22,035,000</b>	<b>2,230,000</b>	<b>10,510,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department will renovate existing assets and doesn't expect the renovation to have an impact on the operating budget.

**SubProjects**

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 91000036

Project Title: Hatchery Improvements

Project Class: Preservation

**SubProjects**

---

SubProject Number: 30000849

SubProject Title: Soos Creek Hatchery - Construct Rearing and PA Ponds

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 66

**Project Summary**

This project will construct rearing ponds and pollution abatement ponds.

**Project Description**

This project will construct rearing ponds and pollution abatement ponds.

**Location**

City: Auburn

County: King

Legislative District: 047

**Project Type**

Infrastructure Preservation (Minor Works)

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and doesn't expect this renovation to impact growth management.

**Operating Impacts**

**No Operating Impact**

**Narrative**

The Department is renovating an existing facility so there will not be any operating impacts.

---

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 91000044

Project Title: Minor Works - Access Sites

Project Class: Preservation

**Description**

Starting Fiscal Year: 2013

Agency Priority: 67

**Project Summary**

The Department will replace ramps, toilets and parking at various access areas around the state.

**Project Description**

**Justification for reappropriation:**

The Department received this funding in the Jobs Act Now bill and anticipated reappropriating funds for construction next biennium. The Department is currently working with consultants to get these projects designed and permitted with the intention of construction starting next biennium.

**What is the project?**

The Department will replace ramps, toilets and parking at various access areas around the state.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect growth management impacts.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	7,406,000	5,903,000	655,000	848,000	
	<b>Total</b>	<b>7,406,000</b>	<b>5,903,000</b>	<b>655,000</b>	<b>848,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000850

SubProject Title: Point No Point Access Ramp Access and Parking

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 91000044

Project Title: Minor Works - Access Sites

Project Class: Preservation

**SubProjects**

---

SubProject Number: 30000850

SubProject Title: Point No Point Access Ramp Access and Parking

SubProject Class: Preservation

Starting Fiscal Year: 2018

Agency Priority: 67

**Project Summary**

Demolish the existing structures on site, construct an elevated boat launch, construct parking areas, and install precast vault toilets at existing access site. The project is located in Hainesville, WA, in Kitsap County.

**Project Description**

Demolish the existing structures on site, construct an elevated boat launch, construct parking areas, and install precast vault toilets at existing access site. The project is located in Hainesville, WA, in Kitsap County.

**Location**

City: Unincorporated

County: Kitsap

Legislative District: 023

**Project Type**

Facility Preservation (Minor Works)

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and doesn't expect this renovation to impact growth management.

**Operating Impacts**

**No Operating Impact**

**Narrative**

The Department is renovating an existing asset and does not expect any operating impacts.

---

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000480

**Project Title:** Kalama Falls Hatchery Renovate Adult Handling Facilities

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000480

Project Title: Kalama Falls Hatchery Renovate Adult Handling Facilities

Project Class: Preservation

## Description

Starting Fiscal Year: 2016

Agency Priority: 68

### Project Summary

WDFW requests funding to renovate the Kalama Falls Hatchery's fish way, adult handling, and holding and spawning facilities to protect native salmonid stocks and improve survival of hatchery fish used in the hatchery rearing program.

### Project Description

#### What is the proposed project?

The Department requests funds that will be combined with federal funds that have been secured to replace the Kalama River Hatchery adult fish trapping, handling, and holding and sorting facilities. Design, permit, and construct an adult fish handling system at Kalama Falls Hatchery. The current ladder will be extended and incorporated into a new adult holding/processing facility to minimize impacts to listed wild stocks and improve rearing and holding conditions for hatchery fish. This is a continuation of remodeling this facility (new intake in 1998; incubation settling pond in 2006).

#### What opportunity or problem is driving this request?

The Kalama River basin has the most listed populations of salmonids (6) of any watershed in the lower Columbia River. The current fish handling facilities at Kalama Falls Hatchery dates to the late 1950's. The facilities are rudimentary and require that fish be handled two to three times prior to spawning. The fish are lifted from the trap, dewatered, deposited into a transport truck, flushed into a sorting pond, crowded, netted, anesthetized as needed, walked to adjoining ponds, back into a fish truck, or returned by pipe to the river above the falls.

#### How does the project support the agency and statewide results?

This project supports the Department's strategic plan by conserving and protecting native fish and improving efficiencies associated of hatchery fish survival. Through improved fish handling practices, the Department will reduce negative impacts to natural spawning populations and hatchery fish. This project will also allow the Department to improve an existing asset and reduce the deferred maintenance backlog.

Goal 1: Conserve and protect native fish and wildlife

Objectives:

B. Washington's fish and wildlife diversity is protected at levels consistent with ecosystem management principles, established in the Conservation Initiative.

C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Strategies:

Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

Increase WDFW leadership and participation in conducting restoration activities in the Columbia Basin

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.

Objectives:

A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.

B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer care

Objectives:

A. Conservation of fish and wildlife is widely supported by communities across Washington.

B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

Strategies:

Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000480

**Project Title:** Kalama Falls Hatchery Renovate Adult Handling Facilities

**Project Class:** Preservation

## Description

opportunities.

Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.

Objectives:

D. Work environments are safe, highly functional, and cost-effective.

This project supports the statewide results as follows:

### **Improve the quality of Washington's natural resources**

This project will protect natural resources by protecting fish. Improving fish handling practices and infrastructure will reduce native fish loss and improve production of hatchery fish.

### **Improve the economic vitality of businesses and individuals**

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting fishing opportunities. By improving and repairing infrastructure, this project will ensure health and diverse and sustainable fish populations for the residents in Washington State for social and economic benefit. Kalama River hatchery programs' contribution to the local personal income exceeds \$3 million annually resulting from recreational and commercial fisheries.

### **Improve the cultural and recreational opportunities throughout the state**

Through predictable fishing opportunities, the Department can provide stewardship and awareness of cultural and recreational assets by improving and repairing infrastructure, this project will maximize diversity and sustainability of fish populations for the residents in Washington State for socioeconomic benefits.

### **What are the specific benefits of this project?**

Completion of this project will minimize handling and decrease pre-spawning mortality of listed and hatchery stocks of salmon and steelhead. Improved and efficient management of returning salmonid stock populations limits hatchery fish presence in natural spawning populations, consistent with federal and state salmon recovery goals. This project is consistent with the Hatchery Scientific Review Group (HSRG) recommendation and principals.

### **How will clients be affected and services change if this project is funded?**

This project will address and improve conservation of native stocks returning to the Kalama River basin through improved handling efficiency. This project, will allow the Department to maintain and possibly increase fishery opportunities through increased survival of both hatchery and wild fish populations.

### **How will other state programs or units of government be affected if this project is funded?**

The Department doesn't anticipate this project affecting other state programs. The federal government (NOAA Fisheries) has allocated over \$7 million to assist in completion of this project. That funding authority is covered under Mitchell Act.

### **What is the impact on the state operating budget?**

This project will renovate existing assets and is not expected to have additional impacts to the operating budget.

### **Why is this the best option or alternative?**

The Department has secured federal funds that will be combined with this request to complete the project. A feasibility analysis has been completed and design is currently under way. These federal funds are available for this project for a limited time. This project will result in employing a contemporary adult fish handling system at Kalama Falls Hatchery. Fish will arrive volitionally, utilize fish friendly automated crowding and be anesthetized with electro anesthesia. This will minimize handling of listed stocks as they are separated from hatchery adults and returned to the wild fish management zone above Kalama Falls Hatchery.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000480

Project Title: Kalama Falls Hatchery Renovate Adult Handling Facilities

Project Class: Preservation

**Description**

**What is the agency's proposed funding strategy for the project?**

The Department requests State Bond Construction Funds for this project to be combined with federal funding already secured.

**How does this impact the economy?**

This project will increase recreational and commercial fishing opportunities which have a positive impact to the local economy. The hatchery programs on the Kalama River generate over \$3.0 million dollars annually to the local personal income (TCW Economics 2009). Please see attached document for more information.

**Location**

City: Kalama

County: Cowlitz

Legislative District: 020

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

This project is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,000,000		13,000	3,987,000	
	<b>Total</b>	<b>4,000,000</b>	<b>0</b>	<b>13,000</b>	<b>3,987,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

The Department is renovating an existing facility and not expecting operating impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000666

**Project Title:** Marblemount Hatchery - Renovating Jordan Creek Intake

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 3000666

Project Title: Marblemount Hatchery - Renovating Jordan Creek Intake

Project Class: Preservation

## Description

Starting Fiscal Year: 2016

Agency Priority: 69

### Project Summary

WDFW requests funds to replace the Jordan Creek intake to bring it into compliance with federal and state fish passage and screening criteria at Marblemount Hatchery.

### Project Description

#### What is the proposed project?

The project will design and construct a new gravity water supply intake located on Jordan Creek, which is a major water supply for Marblemount Hatchery. The current intake located on Jordan Creek does not meet federal and state criteria for fish screening and fish passage.

#### What opportunity or problem is driving this request?

The existing Jordan Creek intake structure is non-compliant with the federal and state criteria for fish screening and fish passage. The existing Jordan Creek intake blocks the passage of native steelhead to approximately 5 miles of habitat.

#### How does the project support the agency and statewide results?

Goal 1: Conserve and protect native fish and wildlife

Objective C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.

Strategy: Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences

Objective A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.

Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service

Objective A. Conservation of fish wildlife is widely supported by communities across Washington.

Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

Strategy: Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.

#### How does this impact the economy?

By protecting wild stocks the project will increase recreation fishing opportunities which will have a positive impact to the state economy. The Marblemount Hatchery contributes approximately \$1 million annually to the local personal income levels related to commercial and recreational fishery activities.

#### What are the specific benefits of this project?

Replacing the Jordan Creek intake will assist the Skagit River Basin in achieving natural spawning goals established for Puget Sound wild steelhead recovery. The Jordan Creek intake allows for water to enter the hatchery on a gravity feed rather than being pumped from the Cascade River. If the renovation is not completed, water will need to be pumped from the Cascade River, increasing electrical and operational costs. This project also meets the principles and recommendations of the Hatchery Scientific Review Group (HSRG).

#### How will clients be affected and services change if this project is funded?

The project will directly aide in the recovery of listed Puget Sound Winter steelhead. Additionally, the new intake will continue to provide a high quality and quantity of water to meet the needs of Marblemount Hatchery's rearing program.

#### How will other state programs or units of government be affected if this project is funded?

Other than permitting, no other programs or units of government will be affected.

#### What is the impact on the state operating budget?

No impact on the state operating budget.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000666

Project Title: Marblemount Hatchery - Renovating Jordan Creek Intake

Project Class: Preservation

**Description**

**Why is this the best option or alternative?**

Jordan Creek intake provides gravity feed, high quality water reducing the need to pump water from other water sources. Gravity feed water saves on operation costs.

**What is the agency's proposed funding strategy for the project?**

The Department requests State Building Construction Account funds for this project.

**Location**

City: Unincorporated

County: Skagit

Legislative District: 010

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,293,000		193,000	2,100,000	
	<b>Total</b>	<b>2,293,000</b>	<b>0</b>	<b>193,000</b>	<b>2,100,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000667

**Project Title:** Lake Whatcom Hatchery - Replace Intake and Pipeline

**Project Class:** Preservation

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 30000667

**Project Title:** Lake Whatcom Hatchery - Replace Intake and Pipeline

**Project Class:** Preservation

## Description

**Starting Fiscal Year:** 2016

**Agency Priority:** 70

### Project Summary

WDFW requests funding to replace the existing water supply line and renovate the existing water intake at Lake Whatcom Hatchery and bring the water intake up to federal and state criteria. This will benefit natural spawning Kokanee trout. Approximately 12 miles of habitat will be opened up for natural spawning Kokanee population.

### Project Description

#### What is the proposed project?

The existing water supply line will be replaced and the intake will be redesigned and constructed to meet new federal and state fish passage and fish screening criteria.

#### What opportunity or problem is driving this request?

The current water supply line has a number of leaks and is at risk for catastrophic failure that would result in loss of fish production. Lake Whatcom is the state's largest source of Kokanee trout eggs in the state of Washington. The existing intake does not meet current federal and state standards for fish screening and fish passage.

Goal 1: Conserve and protect native fish and wildlife

Strategy

Implements actions to reduce risks to native salmon and steelhead from operating hatcheries.

Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences

Objective A. Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.

Objective B. Hatcheries and public access sites are safe, clean, and effectively support people's use and enjoyment of natural resources.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.

Objectives A. Conservation of fish and wildlife is widely supported by communities across Washington.

Objectives B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.

Strategy:

Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.

This project supports the statewide results as follows:

#### Improve the quality of Washington's natural resources

This project will protect natural resources by protecting fish. The current intakes do not meet fish passage criteria and allows fish to enter the intakes. Correcting this intake will prevent fish loss.

#### Improve the economic vitality of businesses and individuals

The economic activity generated by this recreational fishery exceeds \$800,000 annually.

#### Improve the cultural and recreational opportunities throughout the state

This project will repair infrastructure to ensure the hatchery can maintain, and in some cases improve, fish production, which will improve recreational fishing opportunities. By improving and repairing infrastructure, this project will maximize diversity and sustainability of fish populations for the residents in Washington State for socioeconomic benefits.

#### What are the specific benefits of this project?

The project will allow for the reliable delivery of water to fish rearing ponds keeping fish alive and healthy. This project would

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 30000667

Project Title: Lake Whatcom Hatchery - Replace Intake and Pipeline

Project Class: Preservation

**Description**

increase survival of wild fish through improved upstream and downstream fish passage.

**How will clients be affected and services change if this project is funded?**

The project will create better quality rearing environments for the fish cultured at the hatchery. This may translate to better health and increased survival of the fish that are released from the facility resulting in greater efficiencies and creating more opportunities for commercial and recreational anglers.

**How will the other state programs or units of government be affected if this project is funded?**

This project will result in release of higher numbers of healthier fish from the hatchery. Revenues generated from increased fishing opportunities will provide a positive impact to local business communities as well as city, county and state government.

**What is the impact on the state operating budget?**

There will be no impacts to the operating budget are expected.

**Why is this the best option or alternative?**

Loss of water supply to fish rearing ponds will result in fish loss/kills. This is a Hatchery Scientific Review Group ( HSRG) recommendation and will protect native, wild salmonids.

**What is the agency's proposed funding strategy for the project?**

WDFW requests State Building Construction Account funds for this project.

**How does this impact the economy?**

By protecting wild stocks and increasing pump efficiency for the hatchery, this project will increase recreational and commercial fishing opportunities, which have a positive impact to the State's economy. When feasible, the Department will use contract services for this project, thus creating jobs in the private sector.

**Location**

City: Sedro-Woolley

County: Skagit

Legislative District: 039

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,354,000		154,000	1,200,000	
	<b>Total</b>	<b>1,354,000</b>	<b>0</b>	<b>154,000</b>	<b>1,200,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:21PM

**Project Number:** 3000667

**Project Title:** Lake Whatcom Hatchery - Replace Intake and Pipeline

**Project Class:** Preservation

**Operating Impacts**

---

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:21PM

Project Number: 92000019

Project Title: Leque Island Highway 532 Road Protection

Project Class: Preservation

**Description**

Starting Fiscal Year: 2010

Agency Priority: 72

**Project Summary**

The Department requests funds to protect Leque Island.

**Project Description**

**Justification for reappropriation:**

This was originally a pass through grant to DOT but was approved by OFM for WDFW to continue the project without DOT. The Department set aside a portion of the funds for armoring. We are working to get the design and permits asap but we are unsure if construction can be accomplished before the permit window closes in February.

**Location**

City: Stanwood

County: Snohomish

Legislative District: 010

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

This project is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	680,000	290,000	70,000	320,000	
	<b>Total</b>	<b>680,000</b>	<b>290,000</b>	<b>70,000</b>	<b>320,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

Cost Estimate Summary

2017-19 Biennium

Cost Estimate Number: 436  
 Cost Estimate Title: Cooperative Elk Damage Fencing  
 Version: AH 2017-19 DFW Capital Budget Request  
 Project Number: 30000662  
 Project Title: Cooperative Elk Damage Fencing  
 Project Class: Preservation  
 Project Phase Title:  
 Contact Info Contact Name: Morgan Stinson

Report Number: CBS003  
 Date Run: 9/14/2016 2:28PM  
 Agency Preferred: Yes  
 Contact Number: 360.902.8394

**Statistics**

Gross Sq. Ft.: 10  
 Usable Sq. Ft.: 0  
 Space Efficiency: 0%  
 MACC Cost per Sq. Ft.: 100,000  
 Escalated MACC Cost per Sq. Ft.: 106,530  
 Remodel? No  
 Construction Type: Other Schedule C Projects  
 A/E Fee Class: C  
 A/E Fee Percentage: 8.85%

**Schedule** Start Date End Date

Pre-design:  
 Design: 07-2015 08-2015  
 Construction: 08-2015 06-2017  
 Duration of Construction (Months): 22

**Cost Summary Escalated**

<b>Acquisition Costs Total</b>			<b>0</b>
Pre-Schematic Design Services		0	
Construction Documents		0	
Extra Services		0	
Other Services		29,227	
Design Services Contingency		0	
<b>Consultant Services Total</b>			<b>29,227</b>
Site work		0	
Related Project Costs		0	
Facility Construction		1,065,300	
Construction Contingencies		0	
Non Taxable Items		0	
Sales Tax		84,159	
<b>Construction Contracts Total</b>			<b>1,149,459</b>
<b>Maximum Allowable Construction Cost(MACC)</b>	<b>1,065,300</b>		
Equipment		0	
Non Taxable Items		0	
Sales Tax		0	
<b>Equipment Total</b>			<b>0</b>
<b>Art Work Total</b>			<b>0</b>
<b>Other Costs Total</b>			<b>0</b>
<b>Project Management Total</b>			<b>21,312</b>
<b>Grand Total Escalated Costs</b>			<b>1,199,998</b>
<b>Rounded Grand Total Escalated Costs</b>			<b>1,200,000</b>

**Additional Details**

Alternative Public Works Project: No

## Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2017-19 Biennium

Analysis Date: August 28, 2014

Cost Estimate Number: 436  
 Cost Estimate Title: Cooperative Elk Damage Fencing  
 Detail Title: Cooperative Elk Damage Fencing  
 Project Number: 30000662  
 Project Title: Cooperative Elk Damage Fencing  
 Project Class: Preservation  
 Project Phase Title:  
 Location: Yakima County  
 Contact Info Contact Name: Morgan Stinson

Contact Number: 360.902.8394

**Statistics**

Gross Sq. Ft.: 10  
 Usable Sq. Ft.:  
 Rentable Sq. Ft.:  
 Space Efficiency:  
 Escalated MACC Cost per Sq. Ft.: 106,530  
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule C Projects  
 Remodel? No  
 A/E Fee Class: C  
 A/E Fee Percentage: 8.85%  
 Contingency Rate: 0.00%  
 Contingency Explanation

Projected Life of Asset (Years):  
 Location Used for Tax Rate: Yakima County  
 Tax Rate: 7.90%  
 Art Requirement Applies: No  
 Project Administration by: AGY  
 Higher Education Institution?: No  
 Alternative Public Works?: No

**Project Schedule**                      Start Date                      End Date

Pre-design:  
 Design: 07-2015                      08-2015  
 Construction: 08-2015                      06-2017  
 Duration of Construction (Months): 22  
 State Construction Inflation Rate: 2.80%  
 Base Month and Year: 6-2014

**Project Cost Summary**

MACC: \$ 1,000,000  
 MACC (Escalated): \$ 1,065,300  
 Current Project Total: \$ 1,126,441  
 Rounded Current Project Total: \$ 1,126,000  
 Escalated Project Total: \$ 1,199,999  
 Rounded Escalated Project Total: \$ 1,200,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
<b>CONSULTANT SERVICES</b>				
<u>Construction Documents</u>				
A/E Basic Design Services				61,065
No Design necessary	(61,065)			
<u>Other Services</u>				
Bid/Construction/Closeout				27,435
<b>SubTotal: Other Services</b>				<b>29,227</b>
<b>Total: Consultant Services</b>		<b>27,435</b>	1.0653	<b>29,227</b>
<b>CONSTRUCTION CONTRACTS</b>				
<u>Facility Construction</u>				
MACC	1,000,000			
<b>SubTotal: Facility Construction</b>		<b>1,000,000</b>	1.0653	<b>1,065,300</b>
<b>Sales Tax</b>		<b>79,000</b>	1.0653	<b>84,159</b>
<b>Total: Construction Contracts</b>		<b>1,079,000</b>	1.0653	<b>1,149,459</b>
<b>Maximum Allowable Construction Cost (MACC)</b>		<b>1,000,000</b>	1.0700	<b>1,065,300</b>
<b>PROJECT MANAGEMENT</b>				
Agency Project Management	49,831			
Deduct	(29,825)			
<b>Total: Project Management</b>		<b>20,006</b>	1.0653	<b>21,312</b>

Cost Estimate Summary

2017-19 Biennium

**Cost Estimate Number:** 437  
**Cost Estimate Title:** Elochoman Hatchery Facility Abandonment  
**Version:** AH 2017-19 DFW Capital Budget Request  
**Project Number:** 30000669  
**Project Title:** Elochoman Hatchery - Facility Abandonment  
**Project Class:** Preservation  
**Project Phase Title:**  
**Contact Info** **Contact Name:** Morgan Stinson

**Report Number:** CBS003  
**Date Run:** 9/14/2016 2:28PM  
**Agency Preferred:** Yes  
**Contact Number:** 360.902.8394

**Statistics**

Gross Sq. Ft.: 20  
 Usable Sq. Ft.: 0  
 Space Efficiency: 0%  
 MACC Cost per Sq. Ft.: 33,500  
 Escalated MACC Cost per Sq. Ft.: 39,073  
 Remodel? No  
 Construction Type: Other Schedule C Projects  
 A/E Fee Class: C  
 A/E Fee Percentage: Varies

Schedule	Start Date	End Date
Pre-design:		
Design:	08-2015	08-2015
Construction:	08-2017	06-2021
Duration of Construction (Months):	46	

**Cost Summary Escalated**

<b>Acquisition Costs Total</b>		<b>0</b>
Pre-Schematic Design Services		0
Construction Documents		29,415
Extra Services		25,129
Other Services		23,718
Design Services Contingency		0
<b>Consultant Services Total</b>		<b>79,455</b>
Site work		0
Related Project Costs		0
Facility Construction		781,451
Construction Contingencies		0
Non Taxable Items		0
Sales Tax		59,390
<b>Construction Contracts Total</b>		<b>840,840</b>
<b>Maximum Allowable Construction Cost(MACC)</b>	<b>781,451</b>	
Equipment		0
Non Taxable Items		0
Sales Tax		0
<b>Equipment Total</b>		<b>0</b>
<b>Art Work Total</b>		<b>0</b>
<b>Other Costs Total</b>		<b>0</b>
<b>Project Management Total</b>		<b>81,075</b>
<b>Grand Total Escalated Costs</b>		<b>1,001,370</b>
<b>Rounded Grand Total Escalated Costs</b>		<b>1,001,000</b>

**Additional Details**

Alternative Public Works Project: No

## Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2017-19 Biennium

Analysis Date: August 28, 2014

Cost Estimate Number: 437  
 Cost Estimate Title: Elochoman Hatchery Facility Abandonment  
 Detail Title: Elochoman Hatchery Facility Abandonment Phase 1  
 Project Number: 30000669  
 Project Title: Elochoman Hatchery - Facility Abandonment  
 Project Class: Preservation  
 Project Phase Title:  
 Location: Wahkiakum County  
 Contact Info Contact Name: Morgan Stinson

Contact Number: 360.902.8394

**Statistics**

Gross Sq. Ft.: 10  
 Usable Sq. Ft.:  
 Rentable Sq. Ft.:  
 Space Efficiency:  
 Escalated MACC Cost per Sq. Ft.: 39,054  
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule C Projects  
 Remodel? No  
 A/E Fee Class: C  
 A/E Fee Percentage: 9.70%  
 Contingency Rate: 0.00%  
 Contingency Explanation

Projected Life of Asset (Years): 30  
 Location Used for Tax Rate: Wahkiakum Cour  
 Tax Rate: 7.60%  
 Art Requirement Applies: No  
 Project Administration by: AGY  
 Higher Education Institution?: No  
 Alternative Public Works?: No

**Project Schedule**                      Start Date                      End Date

Pre-design:  
 Design: 08-2015                      08-2015  
 Construction: 08-2017                      06-2019  
 Duration of Construction (Months): 22  
 State Construction Inflation Rate: 2.80%  
 Base Month and Year: 6-2014

**Project Cost Summary**

MACC: \$ 345,000  
 MACC (Escalated): \$ 390,540  
 Current Project Total: \$ 443,784  
 Rounded Current Project Total: \$ 444,000  
 Escalated Project Total: \$ 500,032  
 Rounded Escalated Project Total: \$ 500,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
<b>CONSULTANT SERVICES</b>				
<u>Construction Documents</u>				
A/E Basic Design Services				23,091
Minimal Design Needed	(16,000)			
		<u>7,091</u>	1.0360	
<b>SubTotal: Construction Documents</b>				<u><b>7,439</b></u>
<u>Extra Services</u>				
Enviromental Permits	15,000			
<b>SubTotal: Extra Services</b>		<u>15,000</u>	1.0360	<u>15,077</u>
<u>Other Services</u>				
Bid/Construction/Closeout				10,374
<b>SubTotal: Other Services</b>				<u>11,902</u>
<b>Total: Consultant Services</b>		<u>32,465</u>	1.0667	<u><u>34,629</u></u>
<b>CONSTRUCTION CONTRACTS</b>				
<u>Facility Construction</u>				
MACC	345,000			
<b>SubTotal: Facility Construction</b>		<u>345,000</u>	1.1320	<u>390,540</u>
<b>Sales Tax</b>		<u>26,220</u>	1.1320	<u>29,681</u>
<b>Total: Construction Contracts</b>		<u>371,220</u>	1.1320	<u><u>420,221</u></u>
<b>Maximum Allowable Construction Cost (MACC)</b>		<b>345,000</b>	1.1300	<b>390,540</b>
<b>PROJECT MANAGEMENT</b>				
Agency Project Management	15,099			
Project Management	25,000			
<b>Total: Project Management</b>		<u>40,099</u>	1.1320	<u><u>45,392</u></u>

Cost Estimate Detail

2017-19 Biennium

Analysis Date: August 28, 2014

Cost Estimate Number: 437  
 Cost Estimate Title: Elochoman Hatchery Facility Abandonment  
 Detail Title: Elochoman Hatchery Facility Abandonment Phase 2  
 Project Number: 30000669  
 Project Title: Elochoman Hatchery - Facility Abandonment  
 Project Class: Preservation  
 Project Phase Title:  
 Location: Wahkiakum County  
 Contact Info Contact Name: Morgan Stinson

Contact Number: 360.902.8394

**Statistics**

Gross Sq. Ft.: 10  
 Usable Sq. Ft.:  
 Rentable Sq. Ft.:  
 Space Efficiency:  
 Escalated MACC Cost per Sq. Ft.: 39,091  
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule C Projects  
 Remodel? No  
 A/E Fee Class: C  
 A/E Fee Percentage: 9.75%  
 Contingency Rate: 0.00%  
 Contingency Explanation

Projected Life of Asset (Years): 30  
 Location Used for Tax Rate: Wahkiakum Cour  
 Tax Rate: 7.60%  
 Art Requirement Applies: No  
 Project Administration by: AGY  
 Higher Education Institution?: No  
 Alternative Public Works?: No

**Project Schedule** Start Date End Date

Pre-design:  
 Design: 08-2015 08-2015  
 Construction: 08-2019 06-2021  
 Duration of Construction (Months): 22  
 State Construction Inflation Rate: 2.80%  
 Base Month and Year: 6-2014

**Project Cost Summary**

MACC: \$ 325,000  
 MACC (Escalated): \$ 390,911  
 Current Project Total: \$ 421,054  
 Rounded Current Project Total: \$ 421,000  
 Escalated Project Total: \$ 499,667  
 Rounded Escalated Project Total: \$ 500,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
<b>CONSULTANT SERVICES</b>				
<u>Construction Documents</u>				
A/E Basic Design Services				21,864
<b>SubTotal: Construction Documents</b>				<b>21,976</b>
<u>Extra Services</u>				
Enviromental Permits	10,000			
<b>SubTotal: Extra Services</b>		<b>10,000</b>	1.0360	<b>10,052</b>
<u>Other Services</u>				
Bid/Construction/Closeout				9,823
<b>SubTotal: Other Services</b>				<b>11,816</b>
<b>Total: Consultant Services</b>		<b>41,687</b>	1.0753	<b>44,826</b>
<b>CONSTRUCTION CONTRACTS</b>				
<u>Facility Construction</u>				
MACC	325,000			
<b>SubTotal: Facility Construction</b>		<b>325,000</b>	1.2028	<b>390,911</b>
<b>Sales Tax</b>		<b>24,700</b>	1.2028	<b>29,709</b>
<b>Total: Construction Contracts</b>		<b>349,700</b>	1.2028	<b>420,619</b>
<b>Maximum Allowable Construction Cost (MACC)</b>		<b>325,000</b>	1.2000	<b>390,911</b>
<b>PROJECT MANAGEMENT</b>				
Agency Project Management	14,667			
Additional Project Management	15,000			
<b>Total: Project Management</b>		<b>29,667</b>	1.2028	<b>35,683</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000782

Project Title: Minor Works - Programmatic

Project Class:

**SubProjects**

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
------------------	----------------------	----------------	----------------	----------------	----------------	----------------

SubProject Number: 30000761  
 SubProject Title: Central Washington Shooting Range  
 SubProject Class: Program

**Operating Impacts**

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
FTE	Full Time Employee	1.0	1.0	1.0	1.0	1.0

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
001-2	General Fund-Federal	130,000	130,000	130,000	130,000	130,000
	<b>Total</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>
	<b>Total</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000761

Project Title: Minor Works - Programmatic

Project Class: Program

**Operating Impacts**

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
FTE	Full Time Employee	1.0	1.0	1.0	1.0	1.0
001-2	General Fund-Federal	130,000	130,000	130,000	130,000	130,000
	<b>Total</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 30000782

**Project Title:** Minor Works - Programmatic

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000782

Project Title: Minor Works - Programmatic

Project Class: Program

## Description

Starting Fiscal Year: 2018

Agency Priority: 2

### Project Summary

This project will construct minor works programmatic projects statewide.

### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**This project will construct minor works programmatic projects statewide.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**In order to meet the demands of the Department and stakeholders, the Department is requesting funds for small programmatic projects. These projects are described in more detail at the subproject level.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Funding these projects will protect fish and wildlife and their habitat.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**The Department will have improved services if this project is funded.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? **No**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? **No**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The project supports the following Department strategic plan goals:**

**Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences**

**A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities**

**B. Expand access for hunting, fishing, and other wildlife recreational experiences**

**Goal 3. Deliver high-quality customer service**

**A. Maintain high-quality customer services aligned with agency priorities and capacities**

**C. Provide high-quality responsive and accessible customer service**

**Goal 4. Use sound business practices and maintain a dedicated workforce**

**A. Maintain a highly skilled and dedicated workforce**

**B. Improve business systems to meet federal and state standards and best practices**

**C. Develop strong intra-agency partnerships**

**E. Effectively and efficiently manage agency assets**

**This project supports the following statewide results:**

**Improve the quality of Washington's natural resources**

**This project will protect the natural resources by protecting fish and wildlife, and their habitats. This project will also preserve, maintain and restore natural systems and landscapes.**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000782

Project Title: Minor Works - Programmatic

Project Class: Program

**Description**

Improve the safety of people and property  
 This project will prevent accidents and prepare the Department in case of an emergency. This project could also prevent human and wildlife conflict.  
 Improve the cultural and recreational opportunities throughout the state  
 Through its hunting and wildlife viewing opportunities, the Department can provide stewardship of cultural and recreational assets while ensuring awareness and quality opportunities to hunt and view wildlife.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions. **N/A**

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Program (Minor Works)

**Growth Management impacts**

The agency does not expect impact to growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 3000760

SubProject Title: Wenas Target Shooting Range - Phase II

SubProject Class: Program

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000782

Project Title: Minor Works - Programmatic

Project Class: Program

### SubProjects

SubProject Number: 30000760

SubProject Title: Wenas Target Shooting Range - Phase II

SubProject Class: Program

Starting Fiscal Year: 2018

Agency Priority: 2

#### Project Summary

Construct phase 2, a 200-yard range and shooting structures, of the shooting range on Wenas Wildlife Area.

#### Project Description

Construction of the range will reduce safety concerns and conflicts between shooters and other recreationalists, which have increases significantly in recent years. Fires caused by target shooters have also become common, culminating in the 2014 Cottonwood 2 fire that burned almost 9,000 acres of shrub-steppe. It cost over \$850,000 to suppress and over \$600,000 so far in infrastructure and habitat restoration costs.

The agency has funded phase 1 of Wenas WLA shooting range, which includes 25-yard and 100-yard ranges and a three station trap-shooting area. Adding a 200-yard range, shooting benches and shelter, will significantly improve the public participation at the range, increasing safety of other recreational users in the area.

Designs has been completed. The NEPA Environmental Assessment and state and county permits will be completed by Fall 2016. Construction of phase 1 is anticipated to occur in Spring 2017. Phase 2 would be ready for construction as soon as the funding was in place.

\$400,000.00 Estimated for Construction.

The project is expected to improve overall habitat on the wildlife area because target shooting will be limited to two designated sites, including this shooting range. Constructing this range will reduce safety concerns and conflicts between shooters and other recreationalists. Constructing range will help to control unsafe and illegal activities (such as dumping), while still providing a quality site for this popular activity.

The dispersed shooting areas will be monitored and restoration will occur as necessary to reestablish native habitat on sites impacted by past target shooting.

The shooting range infrastructure will require annual maintenance, as will the Sheep Company/Durr Road that access the range.

#### Location

City: Selah

County: Yakima

Legislative District: 015

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000782

Project Title: Minor Works - Programmatic

Project Class: Program

**SubProjects**

SubProject Number: 3000760

SubProject Title: Wenas Target Shooting Range - Phase II

SubProject Class: Program

**Growth Management impacts**

These projects should not have any growth management impacts.

New Facility: No

**Funding**

<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Expenditures</u>		<u>2017-19 Fiscal Period</u>	
			<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	400,000				400,000
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000761

SubProject Title: Central Washington Shooting Range

SubProject Class: Program

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000782

Project Title: Minor Works - Programmatic

Project Class: Program

### SubProjects

SubProject Number: 3000761

SubProject Title: Central Washington Shooting Range

SubProject Class: Program

Starting Fiscal Year: 2018

Agency Priority: 2

#### Project Summary

WDFW requests capital budget funds to clean-up and dispose of mobile homes, vehicles, junk, etc. on the property. WDFW will then be able to implement its plan to develop the property into a multi-purpose public shooting range facility that will offer ranges for multiple shooting disciplines and regional law enforcement training, as well as meeting/classroom space for hunter education classes, hunting clinics, and other wildlife educational and training opportunities.

#### Project Description

There is a high demand for recreation shooting venues in Kittitas County, with limited developed recreational shooting opportunities. Because of this, dispersed shooting is common on WDFW lands and often occurs in unsafe locations, without proper safety features, and results in trash and garbage dumping. In addition, dispersed shooting on WDFW managed lands has ignited wildfires, which have caused significant environmental damage at great financial cost to the state. Construction of the range facility will allow WDFW to provide a safe place for the public to shoot, thereby reducing safety concerns and conflicts between shooters and other recreationalists, which have increased significantly on WDFW lands in recent years. The facility is expected to draw recreational shooters from around the region, as the property is conveniently located near Ellensburg in Central Washington. The facility would also meet the needs of local hunter education instructors and students, local or regional law enforcement agencies, as well as local and regional non-governmental organizations partnering with WDFW on conservation projects. The facility will also provide a venue for WDFW hunting clinics and other education and training opportunities.

The Kittitas County Board of Commissioners is on record with full support of the land acquisition and shooting facility development. The Kittitas County Sheriff's Department also supports the project, and is interested in partnering in the development phase of the project to meet law enforcement training needs. The Central Washington chapter of the Mule Deer Foundation has donated \$14,000 for the acquisition of the property, with the expectation the property will be developed into a high quality recreational shooting range. The chapter has also committed to help provide trained and certified volunteers to help oversee use of the range. Other outdoor groups and Master Hunters in the area are also interested in partnering with WDFW.

#### Location

City: Ellensburg

County: Kittitas

Legislative District: 013

#### Project Type

Facility Preservation (Minor Works)

Health, Safety and Code Requirements (Minor Works)

Infrastructure Preservation (Minor Works)

Program (Minor Works)

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000782

Project Title: Minor Works - Programmatic

Project Class: Program

**SubProjects**

SubProject Number: 3000761

SubProject Title: Central Washington Shooting Range

SubProject Class: Program

Decision Package: W5 Improve the Hunting Experience

**Growth Management impacts**

The Department does not expect this project to impact growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Total one time start up and ongoing operating costs

**Narrative**

This FTE and maintenance for the shooting range will be funded by Pittman-Robertson Federal funds.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 3000214

**Project Title:** Eells Spring Hatchery Renovation

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000214

Project Title: Eells Spring Hatchery Renovation

Project Class: Program

### Description

Starting Fiscal Year: 2018

Agency Priority: 9

#### Project Summary

This proposed project is located at Eells Springs Hatchery, the largest clear, clean, cool and disease free water supply dedicated to public trout production in the State of Washington. The construction of most of the existing hatchery's infrastructure occurred just after World War 2, and now is simply worn out. WDFW is seeking funds to rebuild the existing facility to ensure the current levels and potentially higher numbers of trout planted throughout western Washington is achievable into the future. WDFW depends heavily on Wildlife Funds that are derived from our resident trout fishing opportunities created with this hatchery's lake plants. Production at Eells Springs hatchery includes 600,000 rainbow trout; 84,000 cutthroat trout; and 250,000 kokanee salmon.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**Eells Springs Hatchery is the largest trout producing facility in the WDFW hatchery system. There is an abundance of clean, spring fed, gravity flowing water which allows for optimum rearing conditions and maximal production. Rainbow Trout production will be shifted from Puyallup Hatchery which will make the production goals even higher. The rearing programs at this facility provide millions of dollars annually to the state of Washington, with money being generated to provide funding for WDFW also.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.  
**-Replace spring #4 and raceway piping to accommodate more water to the rearing units; this will accommodate the production shift of rainbow trout for the Puyallup Hatchery rebuild project. This phase of construction was completed this summer.**

**-Replace existing residences with new residences**

**-Replace all existing buildings**

**-Replace round ponds and raceways**

**-Add distribution box to allow for distribution of water to all areas of the hatchery**

**-Repair and renovate walkways to springs 1-3**

**The residences and buildings are all original construction from 1947 vintage and are at the end of their lifespan. The hatchery will be updated and built to a 50+ year lifespan while allowing for maximum production to the water right.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**The pipeline phase of the work will be done in 2016 to allow for the production shift from Puyallup Hatchery. There are no anticipated problems with obtaining permits for completing the work. The project has been funded up to 5 million dollars in the 15-17 biennium. It has also been approved on the capital budget requests for the 17-19 biennium to complete the remaining work.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**These upgrades will improve fish health and increase WDFW's ability to raise more trout at Eells Springs which in turn with benefit recreational fishing and boost local economies.**

**-Replace existing residences with new residences**

**-Replace all existing buildings**

**-Replace round ponds and raceways**

**-Add distribution box to allow for distribution of water to all areas of the hatchery**

**-Repair and renovate walkways to springs 1-3**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000214

Project Title: Eells Spring Hatchery Renovation

Project Class: Program

**Description****None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**None anticipated.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The project will provide sustainable fishing, hunting and other wildlife recreational experiences; increase the economic benefits and public participation derived from sustainable fish and wildlife opportunities; and increase public participation and economic benefits of commercial and recreational fishing by developing promotional partnerships, expanding sustainable fishing opportunities and optimizing the use of hatchery programs.**

**Eells Springs Hatchery is the largest trout producing facility in the WDFW hatchery system. The rearing programs at this facility provide millions of dollars annually to the state of Washington, with money being generated to provide funding for WDFW also.**

**Goal 1: Conserve and protect native fish and wildlife****Objective C: Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.****Strategies:****Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.****Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.****Objective A: Fishing, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.****Objective B: Hatcheries and public access sites are safe, clean and effectively support people's use and enjoyment of natural resources.****Objective C: Tribal treaty coordination and implementation is achieved with adequate resources.****Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.****Objective A: Conservation of fish and wildlife is widely supported by communities across Washington.****Objective B: The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.****Strategies:****Increase recruitment and retention of customers by improving the marketing of fishing, hunting, and wildlife watching opportunities.****Goal 4: Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.****Objective D: Work environments are safe, highly functional, and cost-effective.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**No.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**The pipeline phase of the work will be done in 2016 to allow for the production shift from Puyallup Hatchery. There are no anticipated problems with obtaining permits for completing the work. The project has been funded up to 5 million dollars in the 15-17 biennium. It has also been approved on the capital budget requests for the 17-19 biennium to complete the remaining work.**

**There are no mitigation requirements. The project has been identified as a high priority, so no constraints to fund this are anticipated. The timeframe for the full rebuild will be between May 2016 into the 17-19 biennial budget. The project is currently in the predesign phase with OFM approval anticipated to occur in August 2016.**

**Location**

City: Shelton

County: Mason

Legislative District: 035

**Project Type**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000214

Project Title: Eells Spring Hatchery Renovation

Project Class: Program

**Description**

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department is renovating an existing asset and does not expect impact to growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	9,310,000		93,000	407,000	8,810,000
108-1	Motor Vehicle Accnt-State					
	<b>Total</b>	<b>9,310,000</b>	<b>0</b>	<b>93,000</b>	<b>407,000</b>	<b>8,810,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
108-1	Motor Vehicle Accnt-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Total one time start up and ongoing operating costs**

Acct Code	Account Title	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
FTE	Full Time Employee	1.0	1.0	1.0	1.0	1.0
001-1	General Fund-State	50,000	50,000	50,000	50,000	50,000
104-1	State Wildlife Accou-State	50,000	50,000	50,000	50,000	50,000
	<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>

**Narrative**

Increase in production will require additional staff, as well as expected increases in utilities costs and fish food.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 92000038

**Project Title:** Clarks Creek Hatchery Rebuild

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 92000038

Project Title: Clarks Creek Hatchery Rebuild

Project Class: Program

### Description

Starting Fiscal Year: 2016

Agency Priority: 11

#### Project Summary

In the 2015-17 Biennium WDFW received Capital funding to complete a redevelopment plan and obtain permits to rebuild the Puyallup Hatchery. Most of the existing hatchery ponds and support facilities were originally built in 1948 and are in very poor condition. Additionally, the State of Washington gained the Puyallup Indian Nation's support of the I-5 corridor widening project over tribal land by committing to seek funds to modify the Puyallup Hatchery rearing program. The primary shift in the Hatchery's rearing program was to build additional/new facilities to rear spring chinook, coho and steelhead at Puyallup Hatchery. Historically Puyallup Hatchery has been primarily used to rear and plant rainbow trout. The new hatchery design meets the Tribal request for increased chinook, coho and steelhead production and allows for a reduced level of trout production to continue at this hatchery. Trout production displaced by the shift to salmon and steelhead has been reprogrammed for rearing at WDFW's Eels Spring Hatchery. Eels Springs Hatchery also received funding this biennium for increased water supply development to accommodate the displaced trout production. Funding to redesign and rebuild the failing Hatchery infrastructure, water intake, water supply and drain lines, rearing ponds, egg incubation room and adult fish holding facilities will replace the failing infrastructure and meet the required elements discussed with the Puyallup Indian Nation to gain their support for the 1-5 widening project near and over the Puyallup River.

#### Project Description

**1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)**

The State of Washington gained the support of the Puyallup Indian Nation for the I-5 corridor widening project over tribal lands by committing to request funds to increase salmon and steelhead production in the Puyallup River Basin. The tribe has identified the Department's Puyallup Hatchery as the preferred production site. Puyallup Hatchery is fully programed to rear resident trout to support recreational trout fisheries throughout western Washington. The Department desires to move trout production that is displaced by this new salmon and steelhead production to Eells Spring. Regardless of this agreement, the current condition of the Puyallup Hatchery intake, pipelines, incubation room, residence, office and rearing ponds is poor and deteriorating. These facilities were originally constructed in 1948. Puyallup Hatchery will also require a salmon and steelhead adult holding and spawning facility, as this will be a new activity for this site. The new design identifies the need for the different types of ponds to be used to rear salmon species than the type of pond designed for trout in 1948.

There is a newly formed non-profit organization called Puyallup Historical Hatchery Foundation (PHHF). This is a locally charged organization that is deeply rooted in community and watershed knowledge and participation. The Department is currently developing a memorandum of understanding with the PHHF to create linkages to community and educational outreach efforts.

**2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.**  
The project will increase anadromous fish production in the Puyallup River basin by 300,000 Coho, 800,000 Spring Chinook, and 200,000 Steelhead. Construction will include an incubation room, rearing ponds, a pollution abatement pond, an adult fish holding/spawning facility, and support buildings to facilitate the fish production. This request is for the second phase as funding for design and permitting was received in the 2015-17 Biennium. The proposed modifications to the Puyallup Hatchery will all be completed on the existing hatchery grounds footprint.

**3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?**

This funding would fulfill the understanding for the State to seek funds to increase andaromous fish production in the Puyallup River Basin.

Not requesting funds or adding new salmon production in the Puyallup River Basin would be deemed a bad faith effort by the state.

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 92000038

Project Title: Clarks Creek Hatchery Rebuild

Project Class: Program

### Description

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Clientele most directly impacted by this request is the Puyallup Indian Nation. Direct benefits to recreational and tribal fisheries are expected as all proposed increased salmonid production and releases will occur in public waters. Coho and Chinook released from this site will be available to Washington fishers in the Pacific Ocean, Straits of Juan de Fuca, throughout Puget Sound and the Puyallup River. Whereas steelhead released from the hatchery will be almost exclusively available to fishers within the Puyallup River Basin.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**Goal 1. Conserve and protect native fish and wildlife.**

**Objective C. Threatened and endangered fish and wildlife populations are recovered to healthy, self-sustaining levels.**

**Strategy: Implement actions to reduce risks to native salmon and steelhead from operating hatcheries.**

**Goal 2: Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences.**

**Objective A. Fish, hunting, wildlife viewing, and other outdoor activities are enhanced and expanded.**

**Objective B. Hatcheries and public access sites are safe, clean, and effectively supported people's use and enjoyment of natural resources.**

**Objective C. Tribal treaty coordination and implementation is achieved with adequate resources.**

**Goal3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service.**

**Objective A. Conservation of fish and wildlife is widely supported by communities across Washington.**

**Objective B. The economic benefits of fishing, hunting, and other wildlife-related jobs are supported by and linked to the Department's activities.**

**Objective C. The Department's decisions support communities through valuing, understanding, and evaluating input from stakeholders.**

**Objective D. The Department responds to citizens and customer needs in a timely and effective way.**

**Goal 4. Build an effective and efficient organization by supporting our workforce, improving business processes, and investing in technology.**

**Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department's deferred maintenance backlog.**

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

**The spring chinook portion of the proposed project is supportive of the Puget Sound Action Agenda and will directly support the Puget Sound Chinook Recovery Plan.**

9. Is there additional information you would like decision makers to know when evaluating this request?

**The Puyallup Hatchery is located in the city of Puyallup and has been listed in the Federal Register as a Historical Site. This Hatchery is well intragrated into the local community and has huge community support and tours to the hatchery**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 92000038

Project Title: Clarks Creek Hatchery Rebuild

Project Class: Program

**Description**

have included in the school district's curriculum for 4 graders. The proposed project is well coordinated with tribal fisheries staff and anticipates additional salmon fishery opportunities for both tribal and non-tribal fishers into the future.

**Location**

City: Puyallup

County: Pierce

Legislative District: 025

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

The Department will renovate an existing asset and does not expect the renovation to impact growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	15,067,000		1,500,000	3,500,000	10,067,000
	<b>Total</b>	<b>15,067,000</b>	<b>0</b>	<b>1,500,000</b>	<b>3,500,000</b>	<b>10,067,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

This project will renovate an existing asset and is not expected to have additional operating impacts.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 20062008

**Project Title:** Deschutes Watershed Center

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20062008

Project Title: Deschutes Watershed Center

Project Class: Program

### Description

Starting Fiscal Year: 2014

Agency Priority: 14

#### Project Summary

The Department will build an environmental learning center and salmon hatchery facility in the Deschutes River Basin, in Tumwater. This project is related to the Puget Sound Action Agenda Implementation due to the pollution abatement pond that will be constructed at Tumwater Falls. These facilities will continue to meet demands for Chinook production in the South Puget Sound Region for recreational and Treaty Tribal fishers. The hatchery will replace closed salmon production from several locations within the Deschutes River Basin.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

**WDFW is currently out of compliance with the Clean Water Act (pollution abatement at Tumwater Falls) and the most recent Co-Manager Salmonid Disease Control Policy.**

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

**Construction will include incubation and office building, rearing ponds, abatement pond, equipment and storage buildings, and an education center. This will be the second phase. The facility will produce 3.8 million Chinook.**

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**Not taking action would result in the perpetuation of the current operations being out of compliance with the Clean Water Act or the Co-Manager Salmonid Disease Control Policy.**

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

**Recreational and Treaty Tribal fisheries will be directly impacted by ensuring chinook production remains viable in the Deschutes watershed. School districts throughout Thurston County as well visitors to this area will be afforded the opportunity to visit and tour the new hatchery facility and educational center. Small business owners who service and/or sell fishing related equipment and gear also benefit from hatchery produced chinook. All fish reared at the new facility will be fin clipped to provide selective fishery opportunities throughout Puget Sound, Strait of Juan de Fuca and northern coastal waters.**

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

**None.**

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

**No. The Department requests State Building Construction Account funds for this project.**

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

**The pollution abatement component of the Deschutes Watershed Center project contributes to Sub Strategy C2.3 "Fix problems caused by existing development." This sub strategy (i.e., fixing existing storm water problems) is a priority for the strategic initiative to Prevent Pollution from Urban Storm water Runoff, The NTAs associated with this sub strategy call for assessing and planning for retrofits, but this capital project will actually improve the water quality of**

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20062008

Project Title: Deschutes Watershed Center

Project Class: Program

**Description**

runoff coming from state facilities, in the case bringing it into compliance with the Clean Water Act. Improving water quality in the Deschutes River Watershed is a priority of the South Puget Sound Local Integrating Organizations. This project supports the Department’s strategic plan by conserving and protection native fish. Constructing a new hatchery will improve native fish and hatchery fish survival.

Goal 1: Conserve and protect native fish and wildlife

Objective A: Enhance conservation practices to improve protection and restoration of fish, wildlife and habitat.

Strategies:

Promote compliance with natural resource laws.

Identify and implement hatchery reform actions to reduce risks to native salmon and steelhead.

Ensure fishery impacts on native fish are reduced to levels consistent with conservation goals.

Objective B: Increase protection and restoration of ecosystem functions.

Strategies:

Maintain and restore salmonid populations through fish passage, screening and habitat restoration.

Objective C: Enhance and improve land and water stewardship to meet conservation goals

Strategies:

Ensure department lands, fishways, screening structures, water intakes, dams and dikes are compliant with regulations. Goal 3: Use sound business practices. Deliver high-quality customer service

Objective C: Effectively and efficiently manage agency assets

Strategies :

Ensure resources are focused on the highest priorities through effective asset management. Develop and maintain an effective approach to addressing the Department’s deferred maintenance backlog

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

The proposed project is linked to the Puget Sound Action Agenda by improving hatchery rearing programs effluent by constructing new pollution abatement facilities to improve hatchery discharges associated with routine fish rearing pond cleaning.

9. Is there additional information you would like decision makers to know when evaluating this request? **Capital Funds have been appropriated for the design and permitting of the project in the 2015-17 Biennium. This request is to construct the new planned facilities. The hatchery plan has been designed in partnership with the City of Tumwater and the Squaxin Island Tribe.**

**Location**

City: Tumwater

County: Thurston

Legislative District: 020

**Project Type**

New Facilities/Additions (Major Projects)

**Growth Management impacts**

The Department has worked with the city of Tumwater to determine Growth Management Impacts. Please see attachments for more details.

**New Facility:** Yes

**How does this fit in master plan**

This facility will replace lost production from other facilities.

**Funding**

Expenditures

2017-19 Fiscal Period

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20062008

Project Title: Deschutes Watershed Center

Project Class: Program

**Funding**

Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	37,436,000	3,542,000	2,204,000	9,800,000	21,890,000
	<b>Total</b>	<b>37,436,000</b>	<b>3,542,000</b>	<b>2,204,000</b>	<b>9,800,000</b>	<b>21,890,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

**Total one time start up and ongoing operating costs**

Acct Code	Account Title	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
FTE	Full Time Employee	1.5	1.5	1.5	1.5	1.5
001-1	General Fund-State	300,000	200,000	200,000	200,000	200,000
	<b>Total</b>	<b>300,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>

**Narrative**

Startup costs include furniture and small equipment. Ongoing costs are salaries and benefits for up to 3 hatchery technicians, utilities and fish food.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 20082008

**Project Title:** Spokane Region One Office

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20082008

Project Title: Spokane Region One Office

Project Class: Program

### Description

Starting Fiscal Year: 2020

Agency Priority: 22

#### Project Summary

WDFW requests funding for Phase 3 to construct parking and storage areas for the Region 1 Office in Spokane. It is the final phase of this project. The total cost of the project coupled with the timing of a severe statewide budget shortfall dictated that the capital budget requests for the construction of the parking compound and equipment storage area be separated and pushed into future biennia. Phase 1 was approved in the 2003-2005 biennium and Phase 2 was funded in 2007-2009 biennium.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

Currently, due to restrictions within the local covenants, the Spokane Regional Office staff rents parking and storage at a facility that is a one hour round trip from the main office. Completion of the originally planned parking compound and equipment storage area at the Regional Office will allow us to save the lease/utility costs currently being paid (\$432,000 by the end of the current lease) and save an additional unquantified amount of money currently being spent on vehicle fuel and employee salary dollars that are not contributing directly to Program work. It will increase employee efficiency and productivity and provide easier access to vehicles and equipment (e.g., automobiles, trucks, trailers, snowmobiles, boats, access maintenance equipment) as well as provide for the more efficient use of existing lab space (i.e., the Fish Lab) here at the Regional Office. Lastly, it will address an Enforcement Program issue associated with security of confiscated vehicles, equipment and other evidence that is currently "stored" at the leased facility due to the shortage of completed space at the Regional Office.

The following information elaborates on the complexity of the local covenants and the current vehicle/parking situation at the Regional Office. Centennial Properties currently manages the membership of the Mirabeau Point Association (WDFW is a member) and the entire community and also oversees the local covenants. In 2005, when we moved in to the Regional Office, Centennial Properties granted us a temporary waiver to provide vehicle parking on site until the secure parking compound and equipment storage area could be completed. The waiver and the installation of temporary fencing was provided with an unrealistic expectation that the parking area and equipment storage facility would be completed by June 30, 2007. The parking compound and equipment area was never funded and our temporary waiver expired in August 2007. We have since attempted to negotiate additional temporary waivers to continue parking onsite, but those requests have been denied. With Program approval, employees have the ability to park Agency owned vehicles at home, but this practice once considered a convenience, has now become onerous to employees that are juggling vehicle/equipment parking space at their personal residences. Besides the vehicles and equipment being parked and/or stored at employee's homes, we also have vehicles and equipment scattered between multiple administrative sites including at the leased warehouse (described above, \$432,000 lease costs and one-hour round trip from Regional Office) that has 16 parking spots, and at a WSDOT site located 1.25 miles from the regional office with 6 parking spots. Although not allowed in the covenants 3 vehicles are also parked at the Regional Office.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request.

The Phase 3 project will design and construct storage areas for storage of equipment, vessels, and vehicles. It will include:

2,799 sf of enclosed heated storage

6,900 sf of enclosed unheated storage

5,400 sf of canopy style storage (roof and three sides)

The current leased storage houses some WDFW vehicles onsite within a chain-link fence, including a large snowplow. Smaller snowplows are currently stored in the garbage can storage area. The storage does not provide an adequately secure storage for the expensive equipment such as snowmobiles, boats, trailers, stock trailers, and other expensive equipment. Additional tools and equipment used by the access maintenance employees are also stored at this warehouse.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 20082008

**Project Title:** Spokane Region One Office

**Project Class:** Program

**Description**

action?

This project is the third phase of a three-phase project. Once complete, this project will enable the Region 1 Office to operate more efficiently, and will reduce costs currently being incurred due to an increase in fuel usage, staff travel time, lease costs, and utility costs.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup. Clients will not be impacted. Services will become more timely and efficient.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen? No

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds? No

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. Phase 3 contributes to a Safe and Healthy Work Environment, Employees and Excellent Professional service portions of the strategic plan.

This project supports the following statewide results:

- Improve the quality of Washington's natural resources.
- Improve the safety of people and property.
- Improve cultural and recreational opportunities throughout the state.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions. N/A

**Location**

**City:** Spokane

**County:** Spokane

**Legislative District:** 004

**Project Type**

New Facilities/Additions (Major Projects)

**Growth Management impacts**

This project is an existing facility and should not impact growth management.

**New Facility:** No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	6,463,000	1,890,000			

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20082008

Project Title: Spokane Region One Office

Project Class: Program

**Funding**

Total		6,463,000	1,890,000	0	0	0
		Future Fiscal Periods				
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State	4,573,000				
	<b>Total</b>	<b>4,573,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 30000829

**Project Title:** Swanson Lakes WLA - Land Acquisition and HQ Facility

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000829

Project Title: Swanson Lakes WLA - Land Acquisition and HQ Facility

Project Class: Program

### Description

Starting Fiscal Year: 2020

Agency Priority: 26

#### Project Summary

This project is composed of the purchase of a large, well-maintained one-story house, and the minor modification of the house to make it suitable for use as the headquarters for the Swanson Lakes Wildlife Area Complex. This will provide a safe, sanitary, and accessible work space for employees and volunteers, and roadside access for visitors. As a secondary benefit, purchase of the 59-acre parcel of shrub-steppe included with the house will partially eliminate an inholding of private property, between WDFW and BLM land. This site is located within one mile of the only greater sage grouse mating ground in Lincoln County.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

The current Wildlife Area Complex headquarters building has several safety, health, and accessibility problems. In this circa 1915 kit house, the issues include an electrical system dating to the 1930's, a contaminated water well, a very old septic system composed of buried pipe and a barrel, no wheelchair accessible entries, and a location two miles off the gravel county road. Additionally, the building was constructed on a rubble foundation and has little to no insulation. With no central heating and cooling system and staff relies on a propane furnace on one end of the building, and a window air conditioner in the other end of the building, for HVAC needs. The small size and poor layout of the building cause cramped conditions for staff. The tiny kitchen doubles as a conference room and visitor greeting area, but does a poor job of holding more than three or four people at any one time. This office is located one mile down a WDFW-owned and maintained gravel service road, necessitating winter snow plowing and regular grading. During periods of wildfire in the area, access to the headquarters for water refills and command and control can become problematic.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. The request will purchase a greatly improved, much-needed replacement headquarters building for the Swanson Lakes Wildlife Area Complex. It will also moderately modify the building for wheelchair accessibility through one entry door, improved lighting, more appropriate flooring, and additional telephone jacks.

The project has no set start-to-completion window, as it is primarily the purchase of the property. It can be phased, however, with the property's purchase as the first portion, with minor modifications to follow. The proposal cost of \$400,000 includes both purchase and renovations.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

How the problem would be addressed:

The proposed headquarters building, located about 2.5 driving miles from the current office, was completely remodeled in the 1980's. The building is larger than the current cramped office, built on a true foundation, and insulated. It has a deeper, clean well and a working septic system, updated electrical wiring, a heat pump with central air conditioning, and adequate office space for the four WDFW employees who work at the Swanson Lakes Wildlife Area Complex. It also has at least one entry door that can be modified for wheelchair access, space for small groups of visitors, and enough room for a conference table and small meetings. This building is located alongside a county road, and has a large parking area for easy access by staff, visitors, firefighters, and other governmental staff. By eliminating the mile-long entry road to the current headquarters, WDFW staff is spared the requirement to regularly plow and grade this road.

The result of not taking action:

WDFW staff will continue to work in cramped office conditions. They will struggle to provide adequate heating and cooling for the headquarters building, continue to rely on bottled drinking water, and regularly have to dig up and perform maintenance on the ersatz septic system. Electrical needs will continue to be met by extensive use of extension cords, a constant safety concern. Visitors will continue to be met in a tiny kitchen/conference/greeting area. Wheelchair or walker-dependent visitors will continue to be unable to enter the headquarters. Staff will continue to spend valuable time plowing and grading the access

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000829

Project Title: Swanson Lakes WLA - Land Acquisition and HQ Facility

Project Class: Program

### Description

road.

If the existing headquarters building is retained for office needs, several repairs should be made as soon as possible. The shallow existing well is contaminated with coliform and not repairable, and a new, deeper well should be dug. A new, "real" septic system would be needed, and likely require an expensive pressurized mound, as the area around the headquarters building will probably not pass a percolation test. The electrical system should be completely updated. A "mini-split" heat pump should be installed, for improved heating and cooling throughout the office. Although the building's exterior walls might not be suitable for addition of insulation, the 100-year old single-paned windows should be replaced with double-paned models, and original wooden doors replaced with insulated steel or fiberglass models. It is possible that the cost for these many repairs may meet or exceed the cost of purchase and renovation of the proposed new headquarters building.

If repairs are not made, WDFW should consider renting off-site space for use as Swanson Lakes Wildlife Area Complex headquarters. There may be office space available in one of the few small towns nearby: Wilbur, Creston, Davenport, and Harrington. Quality, size, and condition may be limited, however, and WDFW may have limited power to negotiate fair lease prices. This option will also cause increased travel time for staff, as they move between field and office duties.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

Clientele impacted are primarily the staff at the Swanson Lakes Wildlife Area Complex headquarters, consisting of four WDFW employees. Additional user groups include volunteers at the Wildlife Area, seasonal WDFW technicians, students and technicians who conduct studies on the Wildlife Area and adjacent BLM grounds, wildland firefighters, and employees of other governmental entities. Visitors to the Wildlife Area Complex headquarters include hunters, anglers, non-consumptive users and neighbors. Visitors can and do include persons with a variety of disabilities. The clientele would not change, but they would have easier access to the new headquarters, and more comfortable accommodations while in the building.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review requirement.) What alternatives were explored? Why was the recommended alternative chosen?

No IT-related costs are included. The only change required is moving the tower used in receiving signal for internet service, from the current headquarters location to the new one. Wildlife Area Complex staff installed the tower in its current location, and can move the tower to the site of the new office.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

No non-state funds will be used to complete the project.

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

This project enables the agency to perform better, by providing safe, accessible, comfortable and sanitary conditions for those persons who work at and visit the Swanson Lakes Wildlife Area Complex headquarters.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

N/A.

9. Is there additional information you would like decision makers to know when evaluating this request?

Although the condition of the current Swanson Lakes Wildlife Area Complex headquarters and the proposed new headquarters site have been described in this form, it would be a good idea for decision makers to actually visit both sites, if at all possible.

The vast difference in condition would make clear the imperative for implementing this project. Staff performance is clearly inhibited by substandard conditions at the current headquarters. Provision of appropriate office space for staff and visitors can be obtained at a reasonable cost, under this project.

Current asking price for the property is 224,900. Difference between this and the project estimate of \$400,000 is \$175,100. This covers the following expenses:

- Pre-acquisition activities to include but not limited to: appraisal, structural inspection as appropriate
- Fees associated with acquisition of property, excluding the purchase price
- Design and permitting as appropriate, for structure modifications to the house.
- Structure modifications: replace carpet with hard flooring; replace lighting with office-quality fixtures. Adjust at least one entry to the house for ADA/wheelchair accessibility. Minor modifications for electrical, phone jack, and wired or wireless internet connections, to accommodate three full-time biologists, one technician, and their desks. Also: post WDFW signage at the roadside location of the structure and its parking lot.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000829

Project Title: Swanson Lakes WLA - Land Acquisition and HQ Facility

Project Class: Program

**Description**

**Location**

City: Creston

County: Lincoln

Legislative District: 013

**Project Type**

Acquisition - Land

**Growth Management impacts**

The agency does not expect impact to growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	400,000				
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	400,000				
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 3000840

**Project Title:** Fish Habitat and Wildlife Replacement Lands - Land Acquisition

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000840

Project Title: Fish Habitat and Wildlife Replacement Lands - Land Acquisition

Project Class: Program

### Description

Starting Fiscal Year: 2024

Agency Priority: 52

#### Project Summary

WDFW requests funding to secure farmed waterfowl forage and hunting land to replace land displaced by estuary restoration projects on WDFW-owned land. Washington Department of Fish and Wildlife will secure up to 348 acres of land to add to the Skagit Wildlife Area to be managed for waterfowl forage and hunting opportunities. This project is needed because lands that traditionally have served this purpose are now transitioning to estuary habitat through restoration projects aimed at recovering salmon populations. To restore estuary habitat on some properties, WDFW is contractually obligated to the United States Fish and Wildlife Service to acquire "replacement" waterfowl forage and hunting land due to grants used to originally purchase the land for those purposes. By implementing this project, WDFW will be able to continue working towards building some of the most important salmon recovery projects in the state while also supporting waterfowl, waterfowl hunting, and upholding contractual obligations. A farmland preservation easement or similar mechanism will be placed on the property to ensure a long-term farming footprint will be maintained on the new properties.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Numbers not served, students without classrooms, budget savings, safety improvements, history, and other backup necessary to understand the need for the request.)

Prior to ESA-listing of Chinook salmon, WDFW purchased diked properties adjacent to Skagit and Port Susan Bays for waterfowl management, hunting, and farming. Since that time, restoration of estuary habitat has been identified as a top priority in salmon recovery plans to improve survival, growth, and production of juvenile salmon. Between 75%-85% of historic estuary habitat in the Skagit and Stillaguamish watersheds has been cut off from the tide since European settlement. Estuary habitat can only be restored in areas that were historically estuary, so WDFW waterfowl properties that fall within this footprint are highly prioritized for restoration. While the restoration projects are highly prioritized for salmon recovery, Skagit County also produces the highest waterfowl hunting and harvest numbers in Western Washington. Much of this use comes on WDFW-owned public lands, so maintaining this opportunity is important to waterfowlers and WDFW. Additionally, WDFW must uphold contractual obligations to USFWS that commit WDFW to securing waterfowl forage habitat if lands purchased with USFWS funds are converted to another use.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and complete? Identify whether the project can be phased, and if so, which phase is included in the request. The request will lead to acquisition of up to 348 acres of land. One willing seller of 180 acres is waiting for WDFW to secure funding and will be implemented immediately upon notification of funding. Additional potential sellers are identified and will be contacted when funding is available to gauge willingness.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

The request will allow estuary restoration projects to move forward, while also maintaining public waterfowl hunting and forage opportunities and allowing WDFW to comply with contractual obligations to USFWS. By not taking action, WDFW will either not implement high priority salmon restoration projects or will not comply with contractual obligations and reduce the overall footprint of waterfowl hunting and forage land.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

Waterfowl Hunters: Up to 348 acres of public hunting land added.

Wildlife Viewers: Up to 348 acres of walk-in viewing area added.

Treaty Tribes: Up to 348 acres of estuary restored that support salmon that are harvested.

Anglers: Up to 348 acres of estuary restored that support salmon that are harvested.

5. Does the request include IT-related costs? (See the IT Appendix for guidance, and follow directions to meet the OCIO review

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000840

Project Title: Fish Habitat and Wildlife Replacement Lands - Land Acquisition

Project Class: Program

**Description**

requirement.) What alternatives were explored? Why was the recommended alternative chosen?  
No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

The acquisition funds will be used in support of restoration funds that are secured from a variety of Federal and State sources. WDFW has received restoration funding for estuary projects in the area from the National Oceanographic and Atmospheric Administration (NOAA), WA State Salmon Recovery Funding Board (SRFB), WA State Recreation and Conservation Office (RCO), the Estuary and Salmon Restoration Program (ESRP), and the Puget Sound Acquisition and Restoration Fund (PSAR).

7. Describe how the project supports the agency's strategic/master plans, contributes to statewide goal, or enables the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate.

The project supports WDFW Goals 1 and 2.

**Goal 1:**

Conserve and protect native fish and wildlife

**Goal 2:**

Provide sustainable fishing, hunting, and other wildlife-related recreational and commercial experiences

Estuary restoration projects are consistent with Goal 1 because these projects benefit ESA-listed Chinook salmon and other species native to Washington. Maintaining a robust waterfowl forage and hunting portfolio of lands in the Skagit delta provides highly utilized recreational opportunities by hunters and wildlife viewers.

Additionally, this project is designed to meet the WDFW Region 4 Replacement Lands Initiative, which is available upon request.

8. For projects linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda. See Chapter 14.4 in the 2017-19 Operating Budget Instructions

The Project contributes towards both goals of the **Estuaries Vital Sign**, including "Area of estuarine wetlands restored to tidal flooding" and "Estuary restoration meeting salmon recovery goals". One of five projects specifically mentioned in the estuary section of the Vital Signs document is on WDFW Skagit Wildlife Area land that was purchased for waterfowl forage and hunting (Leque Island). That project will contribute 250 acres towards the Puget Sound 2020 goal of 7,380 acres.

9. Is there additional information you would like decision makers to know when evaluating this request?

WDFW has applied to a variety of funding sources for acquisition of waterfowl forage and hunting land displaced by estuary restoration projects. To date, no other funding agencies have met this need, which places future salmon recovery projects on WDFW land in North Puget Sound in jeopardy.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Acquisition - Land

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000840

Project Title: Fish Habitat and Wildlife Replacement Lands - Land Acquisition

Project Class: Program

**Description**

**Growth Management impacts**

This acquisition is for replacement lands. WDFW has received restoration funding for estuary projects in the area from the National Oceanographic and Atmospheric Administration (NOAA), WA State Salmon Recovery Funding Board (SRFB), WA State Recreation and Conservation Office (RCO), the Estuary and Salmon Restoration Program (ESRP), and the Puget Sound Acquisition and Restoration Fund (PSAR).

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,278,000				
	<b>Total</b>	<b>4,278,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			4,278,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,278,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 30000639

**Project Title:** Construct Necropsy Laboratory

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000639

Project Title: Construct Necropsy Laboratory

Project Class: Program

## Description

Starting Fiscal Year: 2024

Agency Priority: 53

### Project Summary

WDFW requests funds to construct a necropsy laboratory and animal evidence storage facility in western Washington for oil spills, marine mammal stranding cases, seabird incidental mortality, and poaching investigations.

### Project Description

#### What is the proposed project?

The project will create a wildlife necropsy lab for marine mammals, birds, mammals, and other wildlife with biohazard vent system, stainless sinks and lab counter space, lighting, electrical, sewer, heat, plumbing, and walk-in freezer space with similar amenities as the wildlife lab in Spokane. The project would serve wildlife necropsy needs and animal storage, including evidence storage for investigations, for western Washington.

#### What opportunity or problem is driving this request?

Currently, western Washington wildlife necropsy lab and animal storage facilities are limited and outdated. The primary site being used is the converted South Tacoma game farm, built in the 1930's. The poor state of the current lab facilities impacts the ability to collect necessary data.

WDFW staff will be able to provide wildlife necropsy, disease screening and wildlife health screening to western Washington. The project will provide necropsy facilities for oil spills, marine mammal stranding cases, and seabird incidental mortality. The current animal storage is vulnerable to tampering due to its location. Secure animal storage facilities will be provided, including those for poaching investigations.

#### How does the project support the agency and statewide results?

This project supports the Department's strategic plan as follows:

Goal 1: Conserve and protect native fish and wildlife

Objective A:

Enhance conservation practices to improve protection and restoration of fish, wildlife and habitat

Goal 3: Use sound business practices, deliver high-quality customer service

Objective B:

Improve business systems

This project supports the statewide results as follows:

#### Improve the quality of Washington's natural resources

This project will protect the natural resources by disease screening and wildlife health screening in western Washington.

#### What are the specific benefits of this project?

This project enhances the quality, consistency, quantity, reporting, and sharing of data collected from stranded marine mammals, including: complete diagnostic screening on stranded animals; equipment necessary to collect samples and perform analyses; and detection and reporting of emerging diseases.

The project will enhance attendance and participation by professional staff and facility volunteers in training, particularly in the areas of the Incident Command System; public health; marine mammal disease and treatment issues; and veterinary care.

Capacity will be improved for responses to mass stranding cases, hazardous material spills, Unusual Mortality Events, natural disasters, out-of-habitat situations, and other events impacting multiple animals, including live animal triage, treatment, short- and long-term care, and necropsy and sample analysis of dead animals.

#### How will clients be affected and services change if this project is funded?

WDFW staff will be able to provide wildlife necropsy, disease screening and wildlife health screening to western Washington. Provide necropsy and secure animal storage facilities for oil spills, marine mammal stranding cases, seabird incidental mortality, and poaching investigations.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000639

Project Title: Construct Necropsy Laboratory

Project Class: Program

**Description**

**How will other state programs or units of government be affected if this project is funded?**

Aside from permitting, this project is not expected to impact other state programs or units of government.

**What is the impact on the state operating budget?**

This project is not expected may have additional impacts to the operating budget for staff and utilities.

**Why is this the best option or alternative?**

This project will provide western Washington with a necropsy lab and secure animal storage facility.

**What is the agency's proposed funding strategy for the project?**

The Department proposes to use State Building Construction Account funds for this project.

**Location**

City: Lakewood

County: Pierce

Legislative District: 028

**Project Type**

New Facilities/Additions (Major Projects)

**Growth Management impacts**

The Department will rebuild at an existing site and this replacement is not expected to impact growth management.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,471,000				
	<b>Total</b>	<b>1,471,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State			1,471,000		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,471,000</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 20082045

**Project Title:** Migratory Waterfowl Habitat

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 20082045

**Project Title:** Migratory Waterfowl Habitat

**Project Class:** Program

## Description

**Starting Fiscal Year:** 2018

**Agency Priority:** 60

### Project Summary

The project is designed to deliver habitat enhancement projects using dedicated funds from the sale of Washington migratory bird stamps and prints sold to hunters and collectors.

### Project Description

#### What is the proposed project?

The project uses dedicated funds from the sale of Washington migratory bird stamps and prints to provide habitat enhancements.

#### What is the business problem driving this request?

State law mandates WDFW protect waterfowl and waterfowl habitat. This project provides authority to acquire threatened waterfowl habitat, enhance wildlife areas, and fund projects on private lands to maintain and enhance waterfowl and wetlands habitats in Washington.

#### How does the project support the agency and statewide results?

This project supports the following Department strategic plan goals:

Goal 1. Conserve and protect native fish and wildlife

- A. Improve conservation practices to enhance protection and restoration of fish and wildlife
- B. Increase protection and restoration of ecosystem functions
- C. Promote and improve compliance with natural resource laws
- D. Enhance and improve land stewardship and asset management to meet conservation goals

Goal 2. Provide sustainable fishing, hunting, and other wildlife-related recreational experiences

- A. Increase economic benefits and public participation derived from sustainable fish and wildlife opportunities
- B. Expand access for hunting, fishing, and other wildlife recreational experiences

This project supports the statewide result:

Improve the quality of Washington's natural resources.

This project will acquire threatened waterfowl habitat, enhance wildlife areas, and fund projects on private lands to maintain and enhance waterfowl and wetlands habitats in Washington.

#### What are the specific benefits of this project?

WDFW evaluates and ranks acquisition and enhancement projects funding proposals to maximize benefits to waterfowl. The scopes of highly ranked projects vary widely from acquiring lands with good habitat for waterfowl to creation or improvement of waterfowl habitat. Construction may include projects such as creation of water impoundments, dikes, stream diversions and water control structures, access roads and parking areas, and irrigation systems.

#### How will clients be affected and services change if this project is funded?

Conservation organizations and other public stakeholders initiated this program in 1986. Clients and services will benefit from the project through habitat enhancements. Clients expect WDFW to use the dedicated funds to implement waterfowl habitat improvement projects.

#### How will the other state programs or units of government be affected if this project is funded?

In many cases, WDFW uses funding from this program to leverage thousands of dollars in matching funds from conservation organizations and federal agencies, for additional acquisition and development work.

#### What is the impact on the state's operating budget?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 20082045

Project Title: Migratory Waterfowl Habitat

Project Class: Program

**Description**

This project has no impacts on the state's operating budget.

**Why is this the best option or alternative?**

Capital projects provide the best alternative for long-term habitat resource improvements and gains.

**What is the agency's proposed funding strategy for the project?**

WDFW requests authority to use the dedicated funding from the sale of state migratory bird stamps and artwork.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Special Programs

**Growth Management impacts**

None expected.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
104-1	State Wildlife Accou-State	4,680,000	1,080,000	600,000		600,000
	<b>Total</b>	<b>4,680,000</b>	<b>1,080,000</b>	<b>600,000</b>	<b>0</b>	<b>600,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
104-1	State Wildlife Accou-State	600,000	600,000	600,000	600,000
	<b>Total</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>

**Operating Impacts**

No Operating Impact

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 2:32PM

**Project Number:** 3000723

**Project Title:** Eells Springs Production Shift

**Project Class:** Program

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 3000723

Project Title: Eells Springs Production Shift

Project Class: Program

## Description

Starting Fiscal Year: 2016

Agency Priority: 71

### Project Summary

Fish production shifted from the Puyallup Hatchery to Eells Springs Hatchery as the result of WSDOT's mitigation agreement with the Puyallup Indian Nation. This will require modification and expansion of the Eells Springs Hatchery intake and water supply line to maintain lowland trout production in western Washington.

### Project Description

#### What is the proposed project?

This project modifies the existing water intake to capture all available water for increased trout production at Eells Springs Hatchery. The project also ensures that the water delivery system is secured and protected from catastrophic failure.

#### What is the business problem driving this request?

Currently the facility does not efficiently use all available water for fish rearing; the existing water delivery pipeline has been identified as a high risk to catastrophic failure. This facility has sufficient room and water availability to replace lost trout production associated with the proposed Puyallup Tribe and WSDOT agreement.

#### How does the project support the agency and statewide results?

This project will support the following department strategic plan goals:

Goal 1: Conserve and protect native fish and wildlife

By renovating the hatchery infrastructure, this project will protect and restore native fish populations and ensure healthy, diverse and sustainable fish populations for the residents in Washington State. It will also modernize the hatchery, one of the strategies the agency's strategic plan identifies to meet this goal. By renovating the Eells Springs Hatchery will allow WDFW to maintain Puyallup Native stock in the Puyallup River Basin and maintain trout production at its current level.

Goal 2: Provide sustainable fishing, hunting, and other wildlife related recreational and commercial experiences

This project will maintain recreational fish-related opportunities in Mason, Jefferson, Pierce, Thurston, Kitsap, and Grays Harbor Counties and facilitate increased natural spawning of chinook, coho, and steelhead in the Puyallup River Basin.

Goal 3: Promote a healthy economy, protect community character, maintain an overall high quality of life, and deliver high-quality customer service

The trout rearing programs at the Eells Springs Hatchery provides an estimated 600,000 angler trips each year and generates over 20 million dollars of economic activity.

This project will support the following statewide results:

#### Improve the quality of Washington's natural resources.

This hatchery modification project will protect fish and will help preserve, maintain and restore natural systems.

#### Improve the economic vitality of businesses and individuals.

Fish and wildlife activities bring in revenue to Washington communities. This project can help develop markets by promoting fishing opportunities.

#### Improve the cultural and recreational opportunities throughout the state.

Modernizing the hatchery demonstrates stewardship of cultural and recreational assets while ensuring awareness and quality opportunities to fish.

#### Improve the ability of state government to achieve results efficiently and effectively.

This project will enable WDFW staff to better provide services efficiently and effectively to the public by reducing maintenance costs.

#### What are the specific benefits of this project?

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000723

Project Title: Eells Springs Production Shift

Project Class: Program

**Description**

WDFW will maintain and have the ability to increase trout production in western Washington.

**How will clients be affected and services change if this project is funded?**

The project will provide security for long-term fish plants into the future allowing for stable recreational fishing opportunities in western Washington. This project will extend the facilities life and function to meet the client's needs. Services will move from Puyallup Hatchery to Eells Springs Hatchery to maintain the existing recreational trout fishing opportunities while allowing native Chinook and coho populations, as well as steelhead, to utilize the Puyallup River basin.

**How will the other state programs or units of government be affected if this project is funded?**

This helps facilitate WSDOT's agreement with the Puyallup Indian Tribe, while maintaining the economic value to WDFW to maintain recreational trout production, and increased salmon and steelhead fishery opportunities.

**What is the impact on the state operating budget?**

This project is not expected to increase the state operating budget; however, we will be moving operating costs from Puyallup Hatchery to Eells Springs Hatchery. New Chinook, coho, and steelhead production at Puyallup Hatchery is predicted to have increased operating costs.

**Why is this the best option or alternative?**

This hatchery has the most unused available gravity water of any hatchery in western Washington. This makes it the best candidate for the relocation of resident trout programs. WDFW considered the "No-action" option and rejected it because no action would continue inefficient operation, high maintenance cost, a high level of risk for catastrophic facility failure (water supply line) for this facility.

**What is the agency's proposed funding strategy for the project?**

WDFW requests Motor Vehicle Account funds for this project. This is in accordance with the project being mitigation for the widening of I-5.

**Location**

City: Shelton

County: Mason

Legislative District: 035

**Project Type**

New Facilities/Additions (Major Projects)

**Growth Management impacts**

None expected.

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,620,000		2,120,000	2,500,000	
	<b>Total</b>	<b>4,620,000</b>	<b>0</b>	<b>2,120,000</b>	<b>2,500,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	

477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 2:32PM

Project Number: 30000723

Project Title: Eells Springs Production Shift

Project Class: Program

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:36PM

Project Number: 20082048

Project Title: Mitigation Projects and Dedicated Funding

Project Class: Grant

## Description

Starting Fiscal Year: 2012

Agency Priority: 61

### Project Summary

This project provides spending authority to use federal, private, local, and special wildlife account monies received by the Department for dedicated conservation efforts and construction projects to increase recreational opportunities, repair or replace facilities or infrastructure, and provide restoration and long term protection of critical fish and wildlife habitats.

### Project Description

#### Justification for reappropriation:

Land purchases are unpredictable. The request for reappropriation will allow the Department to spend grant funds if a land transaction closes after the biennium ends.

#### What is the proposed project?

The Department receives funding, often in the form of competitive grants and mitigation funds, from federal resource agencies, private entities, local agencies, and dedicated fund sources. The funds are used for the restoration and long-term protection of critical fish and wildlife habitats; construction projects such as access area and hatchery renovations; and habitat restorations and work supporting fish and wildlife activities. Spending authority provided by this request enables resource protection through conservation easements, acquisitions, restoration projects, renovations, infrastructure improvements, and pass-through funds for local government partners to enable their conservation efforts.

#### What is the business problem driving this request?

These projects address strategic species and habitat protection needs identified in federal habitat conservation plans. These projects help to address the habitat needs of threatened or endangered species stemming from the loss of wetlands and floodplains, provides habitat connectivity for adaptation to climate change, and mitigates for habitat impacts resulting from water and energy utility developments.

The Department receives funds for construction and restoration projects and allows the Department to repair, renovate or construct new facilities or infrastructure, or provides habitat restoration projects. These funds provide greater recreational opportunities and new facilities or infrastructure with little costs to the state capital budget.

#### How does the project support the agency and statewide results?

This project supports the following Department strategic plan goals:

Goal 1: Achieve healthy, diverse and sustainable fish and wildlife populations and their supporting habitats.

This project will acquire critical habitat, enhance infrastructure to maintain and enhance fish and wildlife habitats in Washington.

Goal 4: Implement processes that produce sound and professional decisions, cultivate public involvement, and build public confidence and agency credibility.

By acquiring habitat, and enhancing wildlife areas, the Department provides opportunities for public involvement and education. These areas will give opportunities for learning, as well as, hunting, fishing, and wildlife viewing. The project will build public confidence and agency credibility.

This project supports the statewide result:

Improve the quality of Washington's natural resources.

project will acquire critical habitat, enhance infrastructure, enhance and maintain fish and wildlife habitat in Washington.

#### What are the specific benefits of this project?

This project provides the authority to receive funds for long-term conservation protection and habitat enhancement projects for critical fish and wildlife. Loss of critical habitats results in the federal listing of species and the associated costs of species restoration. In addition, the open space and recreational benefits provided by this conservation project address the aesthetic

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:36PM

Project Number: 20082048

Project Title: Mitigation Projects and Dedicated Funding

Project Class: Grant

**Description**

and recreational needs of Washington's growing human population.

These funds can also fund construction projects that benefit the public with increase fishing and recreational opportunities. In some cases, these funds can also be used for restoration or construction projects that allow the facilities to repair, replace or restore its assets with little costs to the state capital budget.

**How will clients be affected and services change if this project is funded?**

This project is expected to provide greater recreational opportunities to the public and protection of critical habitat and endangered species.

**How will the other state programs or units of government be affected if this project is funded?**

This project should not affect other state programs or units of government.

**What is the impact on the state's operating budget?**

The state operating budget may be impacted by increased operating and maintenance for newly acquired land and construction projects.

**Why is this the best option or alternative?**

This allows for long-term conservation protection and asset renovation with outside funding leveraged by state dollars.

**What is the agency's proposed funding strategy for the project?**

WDFW also anticipates funding for this project will come from federal, local, and private grants and agreements. The Department will also use state wildlife account funds for this project however, this authority will be in placed in unallotted status and will only be allotted when we have the revenue to support it.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: WDFW

RCW that establishes grant: None

**Application process used**

Grants are received to buy land or to upgrade existing facilities.

**Growth Management impacts**

None expected.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	143,462,000	57,454,000	21,008,000	15,000,000	10,000,000
001-7	General Fund-Private/Local	9,516,000	1,617,000	1,549,000	1,350,000	1,000,000
104-1	State Wildlife Accou-State	3,500,000		500,000	500,000	500,000
110-2	Spec Wildlife-Federal	6,079,000	79,000		1,000,000	1,000,000
110-7	Spec Wildlife-Private/Local	9,226,000	2,226,000	100,000	1,900,000	1,000,000
<b>Total</b>		<b>171,783,000</b>	<b>61,376,000</b>	<b>23,157,000</b>	<b>19,750,000</b>	<b>13,500,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:36PM

Project Number: 20082048

Project Title: Mitigation Projects and Dedicated Funding

Project Class: Grant

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
001-2	General Fund-Federal	10,000,000	10,000,000	10,000,000	10,000,000
001-7	General Fund-Private/Local	1,000,000	1,000,000	1,000,000	1,000,000
104-1	State Wildlife Accou-State	500,000	500,000	500,000	500,000
110-2	Spec Wildlife-Federal	1,000,000	1,000,000	1,000,000	1,000,000
110-7	Spec Wildlife-Private/Local	1,000,000	1,000,000	1,000,000	1,000,000
<b>Total</b>		<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>	<b>13,500,000</b>

**Operating Impacts**

**Total one time start up and ongoing operating costs**

Acct Code	Account Title	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
FTE	Full Time Employee	2.0	2.0	2.0	2.0	2.0
001-1	General Fund-State	288,000	288,000	288,000	288,000	288,000
<b>Total</b>		<b>288,000</b>	<b>288,000</b>	<b>288,000</b>	<b>288,000</b>	<b>288,000</b>

**Narrative**

Once the property is purchased, the Department is responsible for pay in lieu of taxes, and maintenance. Maintenance includes weed control, signs, fence, road maintenance, habitat management, and forest fire protection.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:36PM

Project Number: 91000021

Project Title: Mitchell Act Federal Grant

Project Class: Grant

**Description**

Starting Fiscal Year: 2011

Agency Priority: 73

**Project Summary**

The Department requests authority to spend grant funds for hatchery reform projects.

**Project Description**

Justification for reappropriation:

The Department requests authority to spend grant funds for hatchery reform projects. Construction will continue in the summer of 2017, which straddles the line between biennia.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

Grant Recipient Organization: Washington Department of Fish and Wildlife

RCW that establishes grant: Not Applicable

**Application process used**

WDFW requested the grant.

**Growth Management impacts**

These projects are not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	6,985,000	1,971,000	2,370,000	2,644,000	
	<b>Total</b>	<b>6,985,000</b>	<b>1,971,000</b>	<b>2,370,000</b>	<b>2,644,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**Narrative**

None

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 3:36PM

**Project Number:** 91000021

**Project Title:** Mitchell Act Federal Grant

**Project Class:** Grant

**Operating Impacts**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 91000151

Project Title: Lake Rufus Woods Fishing Access

Project Class: Grant - Pass Through

### Description

Starting Fiscal Year: 2016

Agency Priority: 62

#### Project Summary

This project is a pass through grant for the development of up to three fishing access sites on Colville Confederated Tribe reservation lands for use by state citizen and tribal member anglers. Funding is estimated to be \$1,000,000 annually for three years. Development includes a boat launch, shore angling sites, parking, restrooms, cleaning stations, water supply, and signage at the Lake Rufus Woods Area. Funding for this project has been delayed due to State budget constraints.

#### Project Description

This project is a pass through grant for the development of up to three fishing access sites on Colville Confederated Tribe reservation lands . Funding is estimated to be \$1,000,000 annually for the next three years. Development includes a boat launch, shore angling sites, parking, restrooms, cleaning stations, water supply, and signage at the Lake Rufus Woods Area. The state of Washington and the Colville Tribes are partners in the Columbia River Water Management Program; the 2007 MOA between the State and the Colville Tribes defines the roles and expectations. The MOA, and its predecessor, the 2005 Agreement in Principle, emphasized the importance of resolving long-standing state/tribal conflicts regarding licensing, enforcement and jurisdiction over Tribal members and non-members fishing on waters that bound the Colville Reservation. In order to resolve those conflicts, WDFW and the Colville Tribes negotiated two agreements in 2007. The first agreement addresses management and harvest of the salmon and steelhead stocks of the Okanogan River and adjacent parts of the Columbia; neither WDFW nor the Tribe requested additional funding in order to implement this agreement although it creates an additional work load for both.

The second agreement creates the Lake Rufus Woods Pilot Program, This agreement provides new approaches to long-standing problems between the state and the Tribe, which include conflicting licensing requirements, overlapping jurisdiction and uncoordinated enforcement efforts; therefore it is described as a Pilot Program, to be assessed after five years. The Pilot Program provides two tools for resolving the problems; both tools are essential to successful resolution. The first tool is a commitment to joint patrols by WDFW and Colville Enforcement Officers.

The second tool is development of Designated Fishing Areas on the north shore of Lake Rufus Woods, located on the Colville Reservation. The south shoreline offers essentially no access to the lake, as it has very steep topography and is all on private lands. Upon development of the Designated Fishing Areas (DFA), the Tribe will recognize either a state or tribal fishing license as valid in those areas, even though they lie on reservation. The DFAs will be developed to provide good quality access for both state and tribal fishers, currently very little developed access exists to the high quality fisheries of Lake Rufus Woods.

This project supports the Department's Strategic Plan as follows:

Goal 2: Provide sustainable fishing, hunting and other wildlife-related recreational experiences.

By improving access areas and infrastructure, the Department provides opportunities for public involvement and education.

These areas will give opportunities for learning, as well as, hunting, fishing, and wildlife viewing; building public confidence and agency credibility.

Upon development of the Designated Fishing Areas (DFA), the Tribe will recognize either a state or tribal fishing license as valid in those areas, even though they are located on the reservation. The DFAs will be developed to provide good quality access for both state and tribal fishers, currently very little developed access exists to the high quality fisheries of Lake Rufus Woods. The combination of simplified license requirements, concurrent regulations and coordinated enforcement efforts will greatly reduce the confusion and concern many state anglers have expressed about fishing in Lake Rufus Woods, as prior to the Pilot Program those anglers were often subject to conflicting license requirements and regulations.

This project will improve relationships with the Colville Tribe and provide an access area to the state and tribal fishers. It will also greatly reduce stakeholder confusion and concern by eliminating conflicting regulations and license requirements.

This project will affect the Colville Confederated Tribes. The Department of Ecology manages the Columbia River Water

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 91000151

Project Title: Lake Rufus Woods Fishing Access

Project Class: Grant - Pass Through

**Description**

Management Program and has a strong interest in maintaining state funding commitments to the Colville Tribe to maintain their partnership role.

The Department received \$609,000 in the 2008 Supplemental Operating Budget for the pilot project, including funding for joint fisheries enforcement on Lake Rufus Woods and pass-through funding for tribal enforcement. The agreement assumes ongoing funding for joint enforcement patrols. The agreement also includes two positions (Planner and Maintenance Worker) and \$1 million per year in capital funds to identify, develop, and maintain fishing areas. The Department is requesting pass-through funding to continue the pilot project consistent with the agreement.

This project will improve relationships with the Colville tribe and provide an access area to the state and tribal fishers.

**Project Type**

Grants

Grant Recipient Organization: Colville Tribe

RCW that establishes grant: ESHB 2687

**Application process used**

This is a joint venture with the State of Washington and the Colville Tribe.

**Growth Management impacts**

This project will not affect growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,000,000		46,000	1,954,000	1,000,000
	<b>Total</b>	<b>3,000,000</b>	<b>0</b>	<b>46,000</b>	<b>1,954,000</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Total one time start up and ongoing operating costs**

Acct Code	Account Title	FY 2020
001-1	General Fund-State	305,500
	<b>Total</b>	<b>305,500</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium****Version:** AH 2017-19 DFW Capital Budget Request**Report Number:** CBS002**Date Run:** 9/14/2016 3:37PM**Project Number:** 91000151**Project Title:** Lake Rufus Woods Fishing Access**Project Class:** Grant - Pass Through**Operating Impacts****Narrative**

The Department received \$609,000 in the 2008 Supplemental Operating Budget for the pilot project, including funding for joint fisheries enforcement on Lake Rufus Woods and pass-through funding for tribal enforcement. The agreement assumes ongoing funding for joint enforcement patrols. The agreement also includes two positions (Planner and Maintenance Worker) and \$1 million per year in capital funds to identify, develop, and maintain fishing areas. The Department is requesting pass-through funding to continue the pilot project consistent with the agreement.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 3:37PM

**Project Number:** 3000846

**Project Title:** PSNERP Match

**Project Class:** Grant - Pass Through

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 3000846

Project Title: PSNERP Match

Project Class: Grant - Pass Through

## Description

Starting Fiscal Year: 2018

Agency Priority: 63

### Project Summary

The proposed Project is a trio of ecosystem-based estuary restoration projects at three sites (Duckabush Estuary, North Fork Skagit River Delta, and Nooksack River Delta) identified by the Puget Sound Nearshore Ecosystem Restoration Project (PSNERP) which will be implemented in partnership with the Army Corps of Engineers over the next 10-20 years in a state (35%): federal (65%) cost share agreement. Early cost estimates, based on conceptual level designs, identify a need of \$452M to restore 2,100 acres of Puget Sound estuary habitat. This Project is part of the Puget Sound Partnership's 2016 Action Agenda Habitat Strategic Initiative to protect and restore nearshore and estuary ecosystems.

### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Provide numbers of people or communities not served, students without classroom space, operating budget savings, public safety improvements, history, or other backup necessary to understand the need for the request.) Be prepared to provide detailed cost backup.

The timing of this request is to take advantage of anticipated Federal funding in FFY18. Together, these funding sources will allow movement of projects towards implementation that are helping to address nearshore habitat loss in Puget Sound.

PSNERP analysis identified that large river deltas in Puget Sound have decreased in size by 27% since the late 1800s.

Additionally, 74% of Puget Sound's historical tidal wetlands have been lost. Human-caused alterations to Puget Sound's shorelines are a significant factor in the degradation of the shoreline habitat. Reduction of these habitat types has negative implications for multiple species including marine birds, shellfish, and ESA-listed salmon species.

Implementation of the projects addresses problems in the nearshore due to man-made stressors and will address the following:

- Restore large river delta that provides valuable nursery habitat for threatened species of juvenile salmon such as Chinook, increasing their survival and supporting population recovery in Puget Sound.
- Restore tidal freshwater wetlands, which are highly productive habitats that support biodiversity and provide connectivity between land and sea.
- Improve quality of the water flowing through the estuary
- Re-establish intertidal and shallow subtidal areas to encourage the growth of kelp and eelgrass, increasing nearshore productivity for fish, birds and other marine species.
- Increase area, length, and complexity of shoreline.
- Improve resiliency of the shoreline to respond to changes in the environment such as rising sea levels and increasing frequency of storm events.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and be completed? Identify whether the project can be phased, and if so, which phase is included in the request.

This request will restore nearshore habitat at three sites across Puget Sound. Man-made infrastructure will be removed or replaced to allow natural processes to occur and support self-sustaining function of the nearshore environment. Functional natural processes means reduced long-term costs associated with maintenance and repair of man-made infrastructure and/or habitat enhancement activities. Primary restoration activities include levee setbacks, road and bridge removal or relocation, and channel creation and reconnection.

Conceptual design work has been initiated to determine costs and benefits. Additional work on designs and then construction will begin in partnership with the Army Corps of Engineers as early as Federal Fiscal Year 2017, pending authorization in a Water Resources Development Act (WRDA) anticipated for late 2016. Project duration is anticipated to be 10-20 years. This work will be phased over multiple biennia. The request for FY17-19 includes design work at one site (Duckabush) and property acquisition-related activities at two sites (Duckabush and North Fork) and associated support staff.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

This request will restore over 2,100 acres of estuarine habitat. Removal and levee setback will increase river delta area and add will restore some of the estuarine wetland acres lost due to human development. These activities also contribute to the estuary target identified by the Puget Sound Partnership. The trajectory for the health of Puget Sound and its nearshore absent these

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
**2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 3000846

Project Title: PSNERP Match

Project Class: Grant - Pass Through

### Description

types of large-scale ecosystem restoration activities remains bleak. Continued population growth, and impacts to the nearshore will put increased pressure on an already compromised nearshore environment. Reduced availability of nearshore habitat will continue to hamper the nearshore's ability to support fish and wildlife and the ecosystem goods and services upon which humans depend.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

A healthy nearshore supports – directly and indirectly – salmon populations (including ESA-listed species) shellfish, eelgrass, waterfowl and many other fish and wildlife species. Commercial, recreational, and tribal fishers, hunters, and wildlife viewing publics will benefit from these actions. In addition to the primary ecosystem restoration goals, projects will increase water quality and flood control benefit.

No construction activities are proposed during the 17-19 biennium. Data collection and design activities will have minimal direct impact to landowners or clients. Land acquisition activities may occur by WDFW or partners that could have the potential to increase the size of WDFW wildlife areas should WDFW become the land owner.

5. Does this request include funding for any IT-related costs? (See the IT Appendix for guidance on what is considered an IT-related cost.) [If yes, continue to the IT Appendix and follow the directions to meet the requirements for OCIO review. What alternatives were explored? Why was the recommended alternative chosen? Be prepared to provide detailed cost backup.]  
No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

Projects implemented under this authority are funded in a cost-share arrangement with the Army Corps paying for 65% of the project costs and the Washington Department of Fish and Wildlife paying 35% of project costs. Due to the nature of the activities associated with each of the three sites, the cost share balance will tip back and forth over the course of the implementation schedule, but the final accounting will preserve the 65/35 split. The state's share of the implementation costs will be a combination of state capital funds, state and federal grant funds, work-in-kind credit, and credit for the value of the lands.

For the 17-19 biennium, non-state funds will be provided by the Army Corps of Engineers in the amount of \$4,953,650 (which is 65% of the design costs for the Duckabush project as identified in the first bullet in the project description.)

7. Describe how this project supports the agency's strategic master plan, contributes to statewide goals, or would enable the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. The Puget Sound Nearshore Ecosystem Restoration Project Feasibility Report and Environmental Impact Statement lays out an Implementation Masterplan for 36 ecosystem restoration projects. This request is for design and implementation of 3 of those projects (with the 17-19 request focused on the first steps of a multi-biennium effort.) Ecosystem restoration supports healthy habitat formation which, in turn, benefits both consumptive and non-consumptive uses of state fish and wildlife resources managed by the agency. Implementation of identified nearshore projects will help complete a Near Term Action (NTA) in the state's 2014 Puget Sound Action Agenda and deliver measurable benefits to the "estuary" indicator within that initiative. Additionally, improved nearshore habitat will benefit salmon recovery efforts across Puget Sound and many of the projects identified by PSNERP in the Implementation Masterplan are also identified in local salmon recovery work plans.

8. If the project is linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda, including expenditure and FTE detail. See Chapter 14.4 (Puget Sound recovery) in the 2017-19 Operating Budget Instructions.

- A response to the question, "Is the request related to Puget Sound recovery?"

- An explanation of how the budget request relates to NTAs, substrategies, strategic initiatives and/or key ongoing programs identified in the Action Agenda. Budget requests that include multiple NTA or substrategy components must provide information to distinguish each component, including dollar amounts, FTEs and fund source by fiscal year. This includes Puget Sound-related monitoring and program evaluation requests.

- An estimate of the amount of the budget request that impacts Puget Sound, including dollar amounts, FTEs, fund source by fiscal year and an explanation of the methodology used to determine the Puget Sound portion. This is particularly important for programs and requests that cover multiple geographic areas, such as shoreline master program updates and forest practices regulation. See the reference section below for link to the Puget Sound map.

This multi-biennium request to fund design and implementation of a trio of projects addresses NTA B2.2.1 in the 2014 Action Agenda and is also part of an identified "ongoing program" in sub-strategy 16.2 of the Habitat Strategic Initiative in the 2016 Action Agenda. The total anticipated cost for implementation of these three projects is \$452M. This Capital budget request

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 3000846

Project Title: PSNERP Match

Project Class: Grant - Pass Through

**Description**

would also support 3.8 FTEs. The entire geographic area of this Project and funding request is within the Puget Sound basin.  
9. Is there additional information you would like decision makers to know when evaluating this request?

This request is one part of a larger implementation masterplan identified by PSNERP to implement 36 ecosystem restoration actions. Partnering with the Army Corps for ecosystem restoration allows these projects to be built under a cost-share arrangement with the federal government paying for 65% of the project costs and the state paying 35%. The 2,100 acres of estuary restored by this Project at the three identified sites will provide over 25% of the acres needed to achieve the estuary target identified by PSP.

This request stems from a 15 year, \$22M partnership between the Washington Department of Fish and Wildlife and the Army Corps of Engineers to evaluate the problems and opportunities in the nearshore. This feasibility work is complete and this request will implement on-the-ground actions using the data and science collected during the previous 15 years.

A 10-year budget and implementation strategy showing anticipated state and federal contributions to design and implement the restoration actions at these three large-scale restoration sites is attached.

**Project Type**

Infrastructure (Major Projects)

**Grant Recipient Organization:** United States Army Corps of Engineers

**RCW that establishes grant:** Not Applicable

**Application process used**

Ongoing collaborative effort between USACOE and WDFW.

**Growth Management impacts**

The Department will renovate an existing asset and this renovation is not expected to impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	262,423,000				4,954,000
057-1	State Bldg Constr-State	178,178,000				6,971,000
	<b>Total</b>	<b>440,601,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,925,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
001-2	General Fund-Federal	34,809,000	90,329,000		132,331,000	
057-1	State Bldg Constr-State	61,664,000	24,854,000	750,000	83,939,000	
	<b>Total</b>	<b>96,473,000</b>	<b>115,183,000</b>	<b>750,000</b>	<b>216,270,000</b>	

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 30000846

Project Title: PSNERP Match

Project Class: Grant - Pass Through

**Funding**

**Operating Impacts**

**Total one time start up and ongoing operating costs**

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>
FTE	Full Time Employee	0.1	0.1	0.1	0.1	0.1
001-1	General Fund-State	24,000	24,000	24,000	24,000	24,000
	<b>Total</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>

**Narrative**

The maximum project site and mitigation footprint would be 3000 acres. We estimate a minimum of \$8 an acre per year to keep up maintenance. At this point, these costs would only be incurred if the lands end up owned by WDFW, instead of being held in a land trust, or by a local government.

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 3:37PM

**Project Number:** 30000753

**Project Title:** Puget Sound and Adjacent Waters Nearshore Restoration - Match

**Project Class:** Grant - Pass Through

**Description**

---

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 30000753

Project Title: Puget Sound and Adjacent Waters Nearshore Restoration - Match

Project Class: Grant - Pass Through

### Description

Starting Fiscal Year: 2017

Agency Priority: 64

#### Project Summary

This request is for design and implementation of up to a dozen ecosystem-based estuary restoration project sites identified by the Puget Sound Nearshore Ecosystem Restoration Project (PSNERP) which will be implemented in partnership with the Army Corps of Engineers over the next 10-20 years in a state (35%): federal (65%) cost share agreement. Early cost estimates, based on conceptual level designs, identify a need of \$125M to restore 1,000 acres of Puget Sound estuary habitat. These restoration sites are part of the Puget Sound Partnership's Habitat Strategic Initiative to protect and restore nearshore and estuary ecosystems identified in the 2016 Action Agenda. There is no funding request for this program for the 17-19 biennium. Supplemental budget funds received for FY17 are being used to do design work for the first two of twelve projects. Implementation of these two projects is anticipated for the 19-21 biennium, with two new projects beginning the design phase each biennium and moving to implementation the following biennium until all 12 are completed.

#### Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? (Provide numbers of people or communities not served, students without classroom space, operating budget savings, public safety improvements, history, or other backup necessary to understand the need for the request.) Be prepared to provide detailed cost backup.

PSNERP analysis identified 35% of historical coastal embayments have been lost by being filled in or disconnected by tidal barriers. Sediment input has been disconnected at beaches/bluffs (over 25% of the shoreline is armored). In general, the Puget Sound shoreline has become shorter, simpler, and more artificial than historical conditions. Human-caused alterations to Puget Sound's shorelines are a significant factor in the degradation of the shoreline habitat and many locations are impacted by multiple stressors. Reduction of these habitat types has negative implications for multiple species including marine birds, shellfish, and ESA-listed salmon species.

Implementation of the projects addresses problems in the nearshore due to man-made stressors and will address the following:

- Restore sand and gravel beaches that serve as spawning grounds for forage fish (e.g., surf smelt and Pacific sand lance), which are a key element of the marine food chain.
- Restore coastal embayment that provides valuable nursery habitat for threatened species of juvenile salmon such as Chinook, increasing their survival and supporting population recovery in Puget Sound.
- Restored intertidal and shallow subtidal areas that are habitat for recreationally- and culturally-important shellfish such as oysters, mussels, and clams.
- Restore tidal freshwater wetlands, which are highly productive habitats that support biodiversity and provide connectivity between land and sea.
- Re-establish intertidal and shallow subtidal areas to encourage the growth of kelp and eelgrass, increasing nearshore productivity for fish, birds and other marine species.
- Increase area, length, and complexity of shoreline.
- Improve resiliency of the shoreline to respond to changes in the environment such as rising sea levels and increasing frequency of storm events.

2. What will the request produce or construct (i.e., design of a building, construction of additional space, etc.)? When will the project start and be completed? Identify whether the project can be phased, and if so, which phase is included in the request. This request will restore nearshore habitat at twelve sites across Puget Sound. Man-made infrastructure will be removed or replaced to allow natural processes to occur and support self-sustaining function of the nearshore environment. Functional natural processes means reduced long-term costs associated with maintenance and repair on non-natural infrastructure and/or habitat enhancement activities. Primary restoration activities include berm/dike removal or modification, beach nourishment, hydraulic modifications, channel creation or rehabilitation, topography restoration, and native vegetation.

Conceptual design work has been initiated to determine costs and benefits. Additional work on designs at two sites (Spencer Island and Twanoh Beach) will begin in partnership with the Army Corps of Engineers in FY17 using FY17 supplemental funds. Project duration is anticipated to be 10-20 years. Design work for each individual site is anticipated to take 18 months with an additional 18 months for construction. Design and implementation activities at all 12 sites will be phased over multiple biennia.

3. How would the request address the problem or opportunity identified in question #1? What would be the result of not taking action?

**477 - Department of Fish and Wildlife**  
**Capital Project Request**  
 2017-19 Biennium

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 3:37PM

**Project Number:** 3000753

**Project Title:** Puget Sound and Adjacent Waters Nearshore Restoration - Match

**Project Class:** Grant - Pass Through

### Description

This request will restore over 1000 acres of nearshore habitat. These activities contribute to the shoreline armoring, estuary, and land cover targets identified by the Puget Sound Partnership. The trajectory for the health of Puget Sound and its nearshore absent these activities remains bleak. Continued population growth, and impacts to the nearshore will put increased pressure on an already compromised nearshore zone. Reduced availability of nearshore habitat will continue to hamper the nearshore's ability to support fish and wildlife and the ecosystem goods and services upon which humans depend.

4. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc. Be prepared to provide detailed cost backup.

A healthy nearshore supports – directly and indirectly – salmon populations (including ESA-listed species) shellfish, eelgrass, waterfowl and many other fish and wildlife species. Commercial, recreational, and tribal fishers, hunters, and wildlife viewing publics will benefit from these actions.

No construction activities are proposed during the 17-19 biennium. Data collection and design activities will have minimal direct impact to landowners or clients. Land acquisition activities may occur by WDFW or partners that could have the potential to increase the size of WDFW wildlife areas should WDFW become the land owner.

5. Does this request include funding for any IT-related costs? (See the IT Appendix for guidance on what is considered an IT-related cost.) [If yes, continue to the IT Appendix and follow the directions to meet the requirements for OCIO review. What alternatives were explored? Why was the recommended alternative chosen? Be prepared to provide detailed cost backup.]  
 No.

6. Will non-state funds be used to complete the project? How much, what fund source, and could the request result in matching federal, state, local, or private funds?

Projects implemented under this mission are funded using a number of existing authorities (i.e., Puget Sound and Adjacent Waters program, Aquatic Ecosystem Restoration program) in a cost-share arrangement with the Army Corps paying for 65% of the project costs and the Washington Department of Fish and Wildlife paying 35% of project costs. The state's share of the implementation costs will be a combination of state capital funds, state and federal grant funds, work-in-kind credit, and credit for the value of the lands.

For the 17-19 biennium, there is no funding request for this program.

7. Describe how this project supports the agency's strategic master plan, contributes to statewide goals, or would enable the agency to perform better. Reference feasibility studies, master plans, space programming, and other analyses as appropriate. The Puget Sound Nearshore Ecosystem Restoration Project Feasibility Report and Environmental Impact Statement lays out an Implementation Masterplan for 36 ecosystem restoration projects. This request is for design and construction of 12 of those projects. Ecosystem restoration supports healthy habitat formation which, in turn, benefits both consumptive and non-consumptive uses of state fish and wildlife resources managed by the agency. Implementation of identified nearshore projects will help complete a Near Term Action (NTA) in the state's 2014 Puget Sound Action Agenda and deliver measurable benefits to the "estuary" indicator within that initiative. Additionally, improved nearshore habitat is expected to benefit local salmon recovery plans.

8. If the project is linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda, including expenditure and FTE detail. See Chapter 14.4 (Puget Sound recovery) in the 2017-19 Operating Budget Instructions.

- A response to the question, "Is the request related to Puget Sound recovery?"

- An explanation of how the budget request relates to NTAs, substrategies, strategic initiatives and/or key ongoing programs identified in the Action Agenda. Budget requests that include multiple NTA or substrategy components must provide information to distinguish each component, including dollar amounts, FTEs and fund source by fiscal year. This includes Puget Sound-related monitoring and program evaluation requests.

- An estimate of the amount of the budget request that impacts Puget Sound, including dollar amounts, FTEs, fund source by fiscal year and an explanation of the methodology used to determine the Puget Sound portion. This is particularly important for programs and requests that cover multiple geographic areas, such as shoreline master program updates and forest practices regulation. See the reference section below for link to the Puget Sound map.

This multi-biennium request to fund design and implementation of a trio of projects addresses NTA B2.2.1 in the 2014 Action Agenda and is also part of an identified "ongoing program" in sub-strategy 16.2 of the Habitat Strategic Initiative in the 2016 Action Agenda. The total anticipated cost for implementation of these three projects is \$125M. The entire geographic area of this Project and funding request is within the Puget Sound basin.

9. Is there additional information you would like decision makers to know when evaluating this request?

This request is one part of a larger implementation masterplan identified by PSNERP to implement 36 ecosystem restoration

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

Version: AH 2017-19 DFW Capital Budget Request

Report Number: CBS002

Date Run: 9/14/2016 3:37PM

Project Number: 30000753

Project Title: Puget Sound and Adjacent Waters Nearshore Restoration - Match

Project Class: Grant - Pass Through

**Description**

actions. Partnering with the Army Corps for ecosystem restoration allows these projects to be built under a cost-share arrangement with the federal government paying for 65% of the project costs and the state paying 35%. The 1,000 acres of habitat restored will benefit our beaches, embayments and deltas which are all integral components to a healthy, functioning nearshore.

This request stems from a 15 year, \$22M partnership between the Washington Department of Fish and Wildlife and the Army Corps of Engineers to evaluate the problems and opportunities in the nearshore. This feasibility work is complete and this request will implement on-the-ground actions using the data and science collected during the previous 15 years.

A 10-year budget and implementation strategy showing anticipated state and federal contributions to design and implement the restoration actions at these eight of the 12 restoration sites is attached.

**Project Type**

Grants

Grant Recipient Organization: Army Corps of Engineers

RCW that establishes grant: Not Applicable

**Application process used**

Ongoing collaborative effort between USACOE and WDFW.

**Growth Management impacts**

This will not impact growth management.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
001-2	General Fund-Federal	52,461,000			500,000	
057-1	State Bldg Constr-State	30,055,000		50,000	450,000	
	<b>Total</b>	<b>82,516,000</b>	<b>0</b>	<b>50,000</b>	<b>950,000</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
001-2	General Fund-Federal	6,905,000	15,680,000	15,680,000	13,696,000
057-1	State Bldg Constr-State	3,995,000	8,720,000	8,720,000	8,120,000
	<b>Total</b>	<b>10,900,000</b>	<b>24,400,000</b>	<b>24,400,000</b>	<b>21,816,000</b>

**Operating Impacts**

**Total one time start up and ongoing operating costs**

Acct Code	Account Title	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
FTE	Full Time Employee	0.1	0.1	0.1	0.1	0.1
001-1	General Fund-State	16,000	16,000	16,000	16,000	16,000
	<b>Total</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>

**477 - Department of Fish and Wildlife  
Capital Project Request  
2017-19 Biennium**

**Version:** AH 2017-19 DFW Capital Budget Request

**Report Number:** CBS002

**Date Run:** 9/14/2016 3:37PM

**Project Number:** 30000753

**Project Title:** Puget Sound and Adjacent Waters Nearshore Restoration - Match

**Project Class:** Grant - Pass Through

**Operating Impacts**

---

**Narrative**

The maximum project site and mitigation footprint would be 2,000 acres. We estimate a minimum of \$8 an acre per year to keep up maintenance. At this point, these costs would only be incurred if the lands end up owned by WDFW, instead of being held in a land trust, or by a local government.