



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

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Main Office Location: Natural Resources Building · 1111 Washington Street SE · Olympia, WA

December 20, 2013

Mr. Chris Liu
Director, Department of Enterprise Services
Post Office Box 41401
Olympia, WA 98504-1401

RE: Executive Order 12-06 Report

Dear Mr. Liu:

I am pleased to submit the Washington Department of Fish and Wildlife's (WDFW) reporting documents in accordance with Executive Order 12-06.

WDFW continues to seek energy efficiencies in our state owned facilities, where practicable, within the constraints of identified funding sources. We will continue toward this goal by implementing cost-effective energy projects and focused benchmarking of key facilities as outlined in the Executive Order.

In 2013, WDFW completed numerous facility energy upgrades at 17 locations, utilizing \$860,000 in 2011-2013 Capital Budget funds. WDFW has a proactive plan for additional energy improvements in the FY 13-15 Biennium; our Capital Budget includes \$2,575,000 for projects to improve energy efficiencies at 14 additional sites.

We maintain a close working relationship with Washington State University Extension Energy Program to manage our energy usage data in the Energy Star Portfolio Manager Database. WDFW remains committed in managing our energy usage to ensure our systems continue to operate efficiently.

Please contact Tim Burns, Assistant Director, Capital and Asset Management Program at (360) 902-8382 if you have any questions regarding our report.

Sincerely,

Philip Anderson
Director

Enclosures (2)

cc: Tim Burns, Assistant Director, Capital and Asset Management Program, WDFW
Donna Albert, Energy Office, DES

Executive Order 12-06 Report

ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2013

Agency Name:	Department of Fish and Wildlife
Agency Point of Contact:	Tim Burns
Point of Contact Title:	Assistant Director, Capital and Asset Management Program
Telephone Number:	360-902-8382
E-mail Address:	Timothy.Burns@dfw.wa.gov

Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2013 to meet the requirements of EO 12-06:

The FY11-13 Capital Budget included \$700K for energy upgrades at WDFW residences. Completed energy upgrade projects at the following: George Adams Hatchery, Sinlahekin Wildlife Area, Bingham Creek Hatchery, Olympic Wildlife Area, Sol Duc Hatchery, Samish Hatchery, Reiter Pond Hatchery, McKernan Hatchery, Marblemount Hatchery, Coulter Creek Hatchery, Nemah Hatchery, Naches Hatchery, Lakewood Hatchery, Forks Creek Hatchery, and Bogachiel Hatchery.

Installed new energy efficient HVAC systems in regional offices in Ephrata and Montesano (\$160K).

Describe benchmarking, metering, audits, and energy retrofits that the agency plans to implement in 2014 to meet the requirements of EO 12-06:

Capital budget includes \$850K for energy renovations and upgrades at the Yakima Construction Shop and residences at the following locations: Ford Creek Hatchery, Goldendale Hatchery, Dungeness Hatchery, Kendall Creek Hatchery, Naselle Hatchery, Wallace River Hatchery, Spokane Hatchery, Puyallup Hatchery, Hurd Creek Hatchery, Chambers Creek Hatchery, and Lake Terrell Wildlife Area.

Additional capital projects with energy efficiency benefits include:

- Upgrade failing HVAC systems at regional offices in Yakima and Mill Creek (\$275K)
- Repair and replace pumps at various hatcheries (\$750K)

Executive Order 12-06 Reporting Form

- Replace aged emergency generators (\$600K)
- Replace deteriorating chiller at Sol Duc Hatchery (\$100K)

Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2013:

As leases are negotiated, for renewal or initial occupancy, an energy consumption survey is filled out. The landlord is responsible for the form if the account holder, the agency is responsible if the account holder. This is the procedure for all leases over 5000sf. The energy consumption form is a template provided by DES and reflects the information that will be reported in the Portfolio Manager.

Describe actions that will be taken to save energy through operational changes and continuous monitoring using Portfolio Manager in 2014:

Our fiscal office is in the process of providing WSU with energy data for the use of creating benchmarking for our facilities. Once the benchmarking has been established we will audit the buildings and/or campuses that require immediate attention.

Attachment:

Agency Progress in Implementing EO 12-06 (Please attach the EO 12-06 Benchmarking and Retrofit Checklist here.)

Resources:

Go to the DES Portfolio Manager webpage for a link to EO 12-06, RCWs, EPA resources and training, Step by Step Instructions, and Frequently Asked Questions at <http://www.des.wa.gov/services/facilities/Energy/EnergyStar>

Unique Facility Identifier	Agency SAAM #	Agency Assigned Regional Name	Agency Assigned Regional Number	Agency Assigned Common Name	Agency Assigned Number	Agency Assigned Complex, Campus, Regional Center	Reported Square Feet	Primary Space Type	No Benchmarking Required	Benchmarking Required	Benchmarking Completed	Energy Data in Portfolio Manager Current	No Preliminary Audit Required	Comprehensive Preliminary Audit Requested	Comprehensive Preliminary Audit Completed	No Cost Effective Energy Conservation Measures Identified	Investment Grade Audit Initiated	Investment Grade Audit Completed	No Cost Effective Projects Identified	Cost Effective Projects Initiated	All Cost Effective Projects Completed	All Required Actions Completed and Current
A08573	477	WALLACE RIVER HATCHERY	H006	RESIDENCE #3 WEST	H006-S7		1400	900		X			X									
A04312	477	WALLACE RIVER HATCHERY	H006	RESIDENCE #4 EAST	H006-S8		1400	900		X				X								
A09532	477	SOOS CREEK HATCHERY	H007	HATCHERY	H007-S1		12000	505		X												
A08648	477	SOOS CREEK HATCHERY	H007	SHOP	H007-S2		10300	720		X												
A07581	477	SOOS CREEK HATCHERY	H007	GENERATOR BLDG	H007-S3		576	505		X												
A04489	477	SOOS CREEK HATCHERY	H007	SHOP/GARAGE	H007-S4		1440	740		X												
A00482	477	SOOS CREEK HATCHERY	H007	RESIDENCE OFF STATION	H007-S5		1600	900		X												
A09014	477	SOOS CREEK HATCHERY	H007	RESIDENCE #2 NEAR ROAD	H007-S6		1560	900		X												
A00279	477	VOIGHTS CREEK HATCHERY	H008	HATCHERY	H008-S1		3780	505	X				X									
A06176	477	VOIGHTS CREEK HATCHERY	H008	FREEZER	H008-S2		916	505	X				X									
A02332	477	VOIGHTS CREEK HATCHERY	H008	STORAGE	H008-S3		2592	730	X				X									
A03560	477	VOIGHTS CREEK HATCHERY	H008	RESIDENCE #1	H008-S4		1470	900	X				X									
A07471	477	VOIGHTS CREEK HATCHERY	H008	RESIDENCE #2	H008-S5		1440	900	X				X									
A07340	477	LEWIS RIVER HATCHERY	H011	HATCHERY	H011-S1		2450	505		X												
A09437	477	LEWIS RIVER HATCHERY	H011	STORAGE BLDG #2	H011-S10		100	730		X												
A02500	477	LEWIS RIVER HATCHERY	H011	PUBLIC RESTROOM	H011-S11		200	590		X												
A06415	477	LEWIS RIVER HATCHERY	H011	RESIDENCE #1 NEAR HATCHERY	H011-S12		1810	900		X												
A02364	477	LEWIS RIVER HATCHERY	H011	RESIDENCE #2 CENTER	H011-S13		1446	900		X												
A01297	477	LEWIS RIVER HATCHERY	H011	RESIDENCE #3 AWAY HATCHRY	H011-S14		1810	900		X												
A06603	477	LEWIS RIVER HATCHERY	H011	GARAGE AT RES #2	H011-S15		200	740		X												
A09353	477	LEWIS RIVER HATCHERY	H011	GENERATOR BLDG #1	H011-S2		300	505		X												
A08590	477	LEWIS RIVER HATCHERY	H011	GENERATOR BLDG #2	H011-S3		150	505		X												
A02658	477	LEWIS RIVER HATCHERY	H011	FREEZER BLDG	H011-S4		1375	505		X												
A01992	477	LEWIS RIVER HATCHERY	H011	HATCHERY GARAGE	H011-S5		1000	740		X												
A03684	477	LEWIS RIVER HATCHERY	H011	SHOP/GARAGE	H011-S6		1260	730		X												
A07644	477	LEWIS RIVER HATCHERY	H011	PUMPHOUSE #1	H011-S8		400	505		X												
A05012	477	LEWIS RIVER HATCHERY	H011	STORAGE #1	H011-S9		100	730		X												
A00513	477	ISSAQUAH HATCHERY	H012	HATCHERY	H012-S1		6740	505		X												
A09849	477	ISSAQUAH HATCHERY	H012	SHOP	H012-S2		4698	720		X												
A03170	477	ISSAQUAH HATCHERY	H012	VIEWING SHELTER	H012-S3		1000	590		X												
A07395	477	ISSAQUAH HATCHERY	H012	SPAWNING STRUCTURE	H012-S4		624	505		X												
A02897	477	ISSAQUAH HATCHERY	H012	RESIDENCE #1 NEAR HATCHERY	H012-S5		1560	900		X												
A07651	477	ISSAQUAH HATCHERY	H012	RESIDENCE #2 ACROSS CREEK	H012-S6		1125	900		X												
A05429	477	MINTERCREEK HATCHERY	H013	HATCHERY	H013-S1		7200	505	X				X									
A04290	477	MINTERCREEK HATCHERY	H013	FREEZER BLDG	H013-S2		1620	505	X				X									
A08588	477	MINTERCREEK HATCHERY	H013	DOMESTIC WELL HOUSE	H013-S3		108	590	X				X									
A04000	477	MINTERCREEK HATCHERY	H013	STORAGE	H013-S4		2550	730	X				X									
A03293	477	MINTERCREEK HATCHERY	H013	RESIDENCE #2	H013-S5		1700	900	X				X									
A06299	477	MINTERCREEK HATCHERY	H013	RESIDENCE #1	H013-S6		1700	900	X				X									
A07157	477	GEORGE ADAMS HATCHERY	H014	HATCHERY	H014-S1		4060	505	X				X									
A06931	477	GEORGE ADAMS HATCHERY	H014	FREEZER BLDG	H014-S2		1900	505	X				X									
A06747	477	GEORGE ADAMS HATCHERY	H014	STORAGE BLDG	H014-S3		1456	730	X				X									
A01654	477	GEORGE ADAMS HATCHERY	H014	SPAWNING COVER	H014-S4		162	505	X					X	X				X	X	X	

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A01657	477	LYONS FERRY HATCHERY	H132	SOUTH SIDE GENERATOR BUILDING (OWNED BY USFW & O&M PAYED BY THEM, STAFFED W/DFW)	H132-S7		153	505	X				X									
A09003	477	LYONS FERRY HATCHERY	H132	GASOLINE STORAGE BLDG (OWNED BY USFW & O&M PAYED BY THEM, STAFFED W/DFW)	H132-S8		135	730	X				X									
A02900	477	LYONS FERRY HATCHERY	H132	MARMES GENERATOR BLDG (OWNED BY USFW & O&M PAYED BY THEM, STAFFED W/DFW)	H132-S9		1233	505	X				X									
A03546	477	SHERMAN CREEK HATCHERY	H133	HATCHERY/OFFICE/SHOP	H133-S1		3200	505	X				X									
A05860	477	SHERMAN CREEK HATCHERY	H133	RESIDENCE	H133-S2		1700	900	X				X									
A00578	477	BARNABY SLOUGH REARING POND	H136	BOATHOUSE	H136-S1		64	740	X				X									
A04814	477	BARNABY SLOUGH REARING POND	H136	STORAGE	H136-S2		384	730	X				X									
A05121	477	BARNABY SLOUGH REARING POND	H136	RESIDENCE	H136-S3		2982	900	X				X									
A04094	477	BOGACHIEL REARING POND	H137	SHOP/GARAGE/RES	H137-S1		1740	505	X					X	X					X	X	X
A01559	477	BOGACHIEL REARING POND	H137	RES/STORAGE/OFFICE	H137-S2		2630	900	X					X	X					X	X	X
A09536	477	PALMER REARING POND	H143	STORAGE/GARAGE	H143-S1		875	730	X				X									
A01267	477	PALMER REARING POND	H143	RESIDENCE	H143-S2		2177	900	X				X									
A09763	477	REITER REARING POND	H144	GENERATOR BLDG	H144-S1		700	590	X				X									
A02461	477	REITER REARING POND	H144	SHOP/STORAGE	H144-S2		1584	730	X				X									
A01348	477	REITER REARING POND	H144	RESIDENCE	H144-S3		1884	900	X					X	X					X	X	X
A01282	477	WHITEHORSE REARINGPOND	H145	INCUBATION BUILDING	H145-S1		520	505	X				X									
A06310	477	WHITEHORSE REARINGPOND	H145	SHOP/OFFICE	H145-S2		400	310	X				X									
A05155	477	WHITEHORSE REARINGPOND	H145	CARPORT	H145-S3		570	740	X				X									
A02077	477	WHITEHORSE REARINGPOND	H145	RESIDENCE	H145-S4		1944	900	X				X									
A05612	477	WHITEHORSE REARINGPOND	H145	GARAGE - TRUCK	H145-S5		700	740	X				X									
A08299	477	WHITEHORSE REARING POND	H145	CARPORT/WOOD SHED	H145-S6		324	740	X				X									
A04598	477	MESEBURG HATCHERY	H152	HATCHERY	H152-S1		5000	505	X				X									
A00158	477	MERWIN HATCHERY	H153	HATCHERY	H153-S1		7200	505	X				X									
A06003	477	MERWIN HATCHERY	H153	OPERATIONS BUILDING	H153-S2		5216	505	X				X									
A00277	477	MERWIN HATCHERY	H153	PUMPHOUSE	H153-S3		300	505	X				X									
A06855	477	MERWIN HATCHERY	H153	STORAGE	H153-S4		1436	730	X				X									
A06656	477	METHOW HATCHERY	H154	HATCHERY	H154-S1		10800	505	X				X									
A09713	477	METHOW HATCHERY	H154	GENERATOR BUILDING	H154-S2		620	505	X				X									
A02775	477	METHOW HATCHERY	H154	WELL HOUSE	H154-S3		100	505	X				X									
A06813	477	METHOW HATCHERY	H154	GARAGE	H154-S4		1440	740	X				X									
A09606	477	METHOW HATCHERY	H154	RESIDENCE #1	H154-S5		1100	900	X				X									
A05146	477	METHOW HATCHERY	H154	RESIDENCE #2	H154-S6		1100	900	X				X									
A06439	477	SUNSET FALLS FISHWAY	M001	STORAGE	M001-S1		96	730	X				X									
A02444	477	SUNSET FALLS FISHWAY	M001	GENERATOR BLDG	M001-S2		60	590	X				X									
A04338	477	SINLAHEKIN WA	R001	BUNKHOUSE-HQ	R001-S1		1080	900		X												
A09569	477	SINLAHEKIN WA	R001	BARN 1080SF & QUONSET 310SF (NO POWER)	R001-S10		1390	730	X				X									
A03430	477	SINLAHEKIN WA	R001	MACHINE SHOP@HQ	R001-S11		3510	720		X												
A07848	477	SINLAHEKIN WA	R001	HAYSHED @ HQ (NO POWER)	R001-S12		930	730	X				X									
A02438	477	SINLAHEKIN WA	R001	SHOP & GARAGE @ HQ	R001-S2		600	720		X												
A05035	477	SINLAHEKIN WA	R001	WOOD SHOP & CHEM STORAGE@HQ	R001-S3		873	720		X												
A02873	477	SINLAHEKIN WA	R001	RESIDENCE@HQ	R001-S4		1950	900		X				X	X					X	X	X

