

Nechako White Sturgeon Recovery Centre Facility and Operations For the year ended March 31, 2016

The Nechako White Sturgeon Facility was successfully operated for a second full year in 2015-16. We were successful in capturing, holding and then spawning 5 mature males and 6 mature females in May and June, 2015. 42 wild sturgeon reared from eggs captured during sampling in the river were also raised this year. A total of 9144 juvenile sturgeon, weighing an average of 252 g. each will be released in the spring of 2016 at eight sites near Vanderhoof. To improve rearing condition especially during the early rearing phase three new pieces of equipment were installed this year: 1) A new ultra-violet disinfection unit capable of disinfecting 100% of the system flow was installed in Jan 2016 and is now in full operation. 2) A small aeration tower using equipment from the old pilot hatchery was installed to improve oxygen levels in municipal water used for holding adults and 3) A heat exchange unit was recycled from the Fraser Valley Trout Hatchery and installed to allow cooling of the juvenile rearing system during periods of hot weather in the summer.

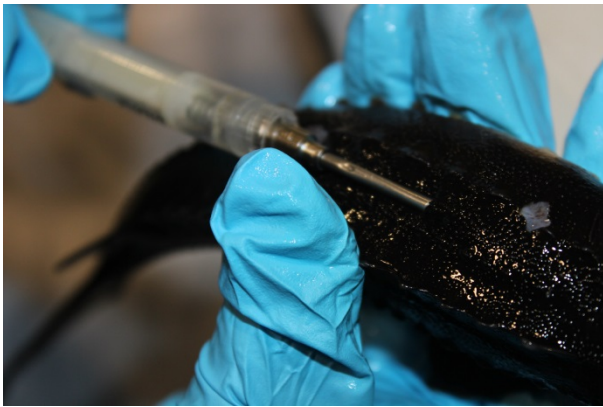


Figure 1. Juvenile Nechako White Sturgeon being tagged (Dec 2015).

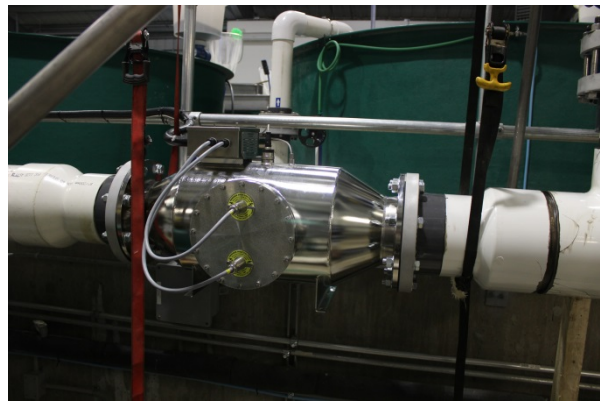


Figure 2. UV Unit during installation (Jan 2016).



Figure 3. Heat exchanger used for cooling.



Figure 4. Municipal water aeration tower.

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For the year ended March 31, 2016

Table 1. Funding, Operating and Capital costs.

OPERATIONS				
Funding related to operations	2014	2015	2016	2017 (budgeted)
Carry-over funding	-	69,636	28,574	- 8,648
Balance of building funding	-	-	28,164	
NEEF Funding received (F2017 requesting)	175,000	400,000	400,000	400,000
RTA Funding received	-	50,000	50,000	50,000
Funds for operating expenses spent (budgeted)	- 57,919	- 409,777	- 452,754	- 449,597
Funds for operating capital spent (budgeted)	- 47,445	- 81,285	- 62,632	- 5,730
Balance of funding	69,636	28,574	- 8,648	- 13,975
* \$400,000 of NEEF Funding is requested each year. Actual expenses will vary each year, but are planned to be fully spent over the 10 years of operations. Any future deficits over the 10 years will be funded from FFSBC contributed capital funds. 2014 NEEF funding is only \$175,000 because \$275,000 was allocated to the facility funding. \$300,000 of NEEF funding was approved to be used for the building based on best estimates at the time.				
Fiscal 2016 (April 1, 2015 - March 31, 2016)				
Operating Expenses	Total	NEEF 1061	RTA 1060	FFSBC/OTHER
Salaries	252,986	137,600	78,574	36,812
Travel	1,477	1,477	-	
Contract services	283	283	-	
Operating Supplies & Services	70,760	70,760	-	
Vehicle Expenses	7,009	7,009	-	
Fish Feed	12,743	12,743	-	
Facilities	44,790	44,790	-	
Utilities	30,679	30,679	-	
Property Taxes & Permits	11,309	11,309	-	
Administration	18,648	18,648		
Indirect expense allocation	2,070	2,070	-	
Total Operating Expenses	452,754	337,368	78,574	36,812
Operating equipment				
Truck transferred from FFSBC	5,522	5,522	-	-
Production Equipment and computers	57,110	57,110	-	-
Marine equipment	-	-	-	-
Total Operating equipment	62,632	62,632	-	-
Total Operating costs	515,386	400,000	78,574	36,812
BUILDING				
Building capital costs (including gate)	Total	NEEF 1061	RTA 1060	FFSBC/OTHER
April 1, 2015 - March 31, 2016	18,150	18,150	-	-
Prior years cumulative costs	5,459,676	3,810,741	1,648,935	-
Total Building and Gate Cost	5,477,826	3,828,891	1,648,935	