Columbia River Water Use Plan

Kinbasket & Arrow Reservoir Revegetation Management Plan

Monitoring Program and Physical Works

Annual Report: 2017

Implementation Period: February 2016 to January 2017

- **CLBMON-9 Kinbasket Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis**
- **CLBMON-10 Kinbasket Reservoir Inventory of Vegetation Resources**
- **CLBMON-11A Wildlife Effectiveness Monitoring of Revegetation in Kinbasket Reservoir**
- **CLBMON-11B Wildlife Effectiveness Monitoring of Revegetation and Wildlife Physical Works in the Arrow Lakes Reservoir**
- **CLBMON-12 Arrow Lakes Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis**
- **CLBMON-13 Inventory of Mosquito Populations in the Revelstoke Area**
- **CLBMON-33 Arrow Lakes Reservoir Inventory of Vegetation Resources**
- **CLBMON-35 Arrow Lakes Reservoir Plant Response to Inundation**
- **CLBMON-57 Plant Communities**
- **CLBWORKS-1 Kinbasket Reservoir Revegetation Program Physical Works**
- **CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works**

Conditional Water Licences for Kinbasket storage (27068 and 39432), Mica diversion (39431), Revelstoke diversion and storage (47215), and Arrow storage (27066)

February 28, 2017

BC Hydro Columbia River Project Water Use Plan Kinbasket & Arrow Reservoir Revegetation Management Plan Monitoring Programs and Physical Works Annual Report: 2017

1 Introduction

This document represents a summary of the status and the results of the Columbia River Kinbasket and Arrow Reservoir Revegetation Management Plan Water Use Plan (WUP) monitoring programs and physical works to January 31, 2017, as per the Columbia River Order under the *Water Act*, dated January 26, 2007. There are nine monitoring programs and two physical works.

2 Status

The following table outlines the dates that Terms of Reference (TOR) for the Kinbasket and Arrow Reservoir Revegetation Management Plan WUP monitoring programs and physical works were submitted to and approved by the CWR.

Table: 2-1: Dates of Kinbasket and Arrow Reservoir Revegetation Management Plan WUP TOR Submissions and Approvals by the Comptroller of Water Rights

Monitoring Program & Physical Works TOR	Order Clause	Original TOR Submission		Most Recent TOR Resubmission	
		Date Submitted	Date Approved	Date Submitted	Date Approved
CLBMON-9 Kinbasket Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis	Schedule A, Clause 2(a)	Jan 25, 2008	Mar 03, 2008	Sep 17, 2010	Oct 26, 2010
CLBMON-10 Kinbasket Reservoir Inventory of Vegetation Resources	Schedule A, Clause 2(b)	Apr 04, 2007	Apr 19, 2007	Jan 12, 2009	Apr 08, 2009
CLBMON-11A Wildlife Effectiveness Monitoring of Revegetation in Kinbasket Reservoir	Schedule A, Clause 2(c)	Jan 25, 2008	Feb 26, 2008	Oct 22, 2008	Dec 10, 2008
CLBMON-11B Wildlife Effectiveness Monitoring of Revegetation and Wildlife Physical Works in the Arrow Lakes Reservoir	Schedule C, Clause 5(a); Schedule D, Clause 2(a)	Apr 03, 2009	May 11, 2009		
CLBMON-12 ONR Arrow Lakes Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis	Schedule C, Clause 2(a) (b); Schedule D, Clause 2(b) (c)	Jan 12, 2009	Apr 08, 2009	Mar 29, 2016	Apr 19, 2016
CLBMON-12 OR Arrow Lakes Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis	Schedule C, Clause 2(a) (b); Schedule D, Clause 2(b) ©	Jan 25, 2008	Mar 03, 2008	Mar 29, 2016	Apr 19, 2016
CLBMON-13 Inventory of Mosquito Populations in the Revelstoke Area	Schedule C, Clause 5(b)	Jan 25, 2008	Feb 26, 2008		
CLBMON-33 ONR Arrow Lakes Reservoir Inventory of Vegetation Resources	Schedule C, Clause 2(b) Schedule D, Clause 2(c)	Jan 12, 2009	Apr 08, 2009		
CLBMON-33 Arrow Lakes Reservoir Inventory of Vegetation Resources	Schedule C, Clause 2(b) Schedule D, Clause 2©	Apr 04, 2007	Apr 19, 2007	Jan 12, 2009	Apr 08, 2009
CLBMON-35 Arrow Lakes Reservoir Plant Response to Inundation	Schedule C, Clause 2(c); Schedule D, Clause 2(d)	Jan 25, 2008	Apr 08, 2008	Jan 13, 2016	Mar 10, 2016
CLBMON-57 Plant Communities	Clause 2.a Amended Order	May 16, 2013	Jul 02, 2013		

Monitoring Program & Physical Works TOR	Order Clause	Original TOR Submission		Most Recent TOR Resubmission	
		Date Submitted	Date Approved	Date Submitted	Date Approved
CLBWORKS-1 Kinbasket Reservoir Revegetation Program Physical Works	Schedule A, Clause 1(a)	Apr 27, 2007	May 03, 2007	Jun 01, 2015	Jun 10, 2015
CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works (Phase 1)	Schedule C, Clause 1(a); Schedule D, Clause 1(a)	Apr 27, 2007	May 03, 2007		
CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works (Phase 2)	Schedule C, Clause 1(a); Schedule D, Clause 1(a)	Feb 26, 2008	Apr 23, 2008		
CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works (Phase 3)	Schedule C, Clause 1(a); Schedule D, Clause 1(a)	Jul 06, 2010	Aug 10, 2010		
CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works (Phase 4)	Schedule C, Clause 1(a); Schedule D, Clause 1(a)	Feb 18, 2013	Mar 05, 2013		

3 Schedule

The following table outlines the current schedule for the monitoring programs and physical works being delivered for the Kinbasket and Arrow Reservoir Revegetation Management Plan WUP.

Table 3-1: Monitoring Programs and Physical Works Schedule as of January 31, 2017

Monitoring Programs	2007 WLR YR1	2008 WLR YR2	2009 WLR YR3	2010 WLR YR4	2011 WLR YR5	2012 WLR YR6	2013 WLR YR7	2014 WLR YR8	2015 WLR YR9	2016 WLR YR10	2017 WLR YR11	2018 WLR YR12	2019 WLR YR13
CLBMON-9 Kinbasket Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis		✓	✓		✓		✓		✓			■	
CLBMON-10 Kinbasket Reservoir Inventory of Vegetation Resources	✓	✓		✓		✓		✓		✓**F**			
CLBMON-11A Wildlife Effectiveness Monitoring of Revegetation in Kinbasket Reservoir		✓	✓	✓			✓*	✓	✓	✓		■	
CLBMON-11B Wildlife Effectiveness Monitoring of Revegetation in the Arrow Lakes Reservoir			✓	✓	✓	✓	✓	✓	✓	✓	■	■	■
CLBMON-12 Arrow Lakes Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis		✓	✓		✓		✓		✓		■		
CLBMON-13 Inventory of Mosquito Populations in the Revelstoke Area			✓**F**										
CLBMON-33 Arrow Lakes Reservoir Inventory of Vegetation Resources	✓	✓		✓		✓		✓		✓**F**			
CLBMON-35 Arrow Lakes Reservoir Plant Response to Inundation											■		■
CLBMON-57 Plant Communities												■	
Physical Works													
CLBWORKS-1 Kinbasket Reservoir Revegetation Program Physical Works	✓	✓	✓	✓	✓	x	✓		✓	✓		■	
CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works	✓	✓	✓	✓	✓								

Legend: ■ = Program to be undertaken/initiated in identified year
✓ = Program completed for the year
× = Program started, but encountered operational or hydrological delays
✓**F** = All field work for this project is complete. No further field work is planned.
PCR = Project Completion Report submitted
Footnote: * Deviation from TOR schedule in 2012, replacement year was 2013.

4 Monitoring Programs and Physical Works Terms of Reference

The monitoring programs and physical works being implemented under the Kinbasket and Arrow Reservoir Revegetation Management Plan WUP are described in Terms of Reference (TOR). These Terms of Reference and the reports for work completed to date can be found here:

http://www.bchydro.com/about/sustainability/conservation/water_use_planning/southern_interior/columbia_river/kinbasket-revegetation.html

5 Status of Monitoring Programs

5.1 CLBMON-9 Kinbasket Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis

The objective of this program was to evaluate plant survival and monitor planting sites under various revegetation treatments in the Kinbasket Reservoir. This monitoring program was initiated in 2008 and was to be carried out every other year over ten years.

The program did not implement in 2016. This program was scheduled to implement in 2017; however, we are deferring the final year of monitoring to 2018 to allow for further establishment of the vegetation prescriptions (willow and poplar live stakes) and natural regrowth on the debris mounds at the Bush Arm Causeway (2015 & 2016) and the sedge planting at Bear Island (2013). Implementation of CLBMON-9 in 2018 also allows for one year of post-monitoring of natural regrowth at sites where woody debris removal will occur in 2017.

Attached is the Year 5 (2015) report dated June 14, 2016.

5.2 CLBMON-10 Kinbasket Reservoir Inventory of Vegetation Resources

The primary objective of this study is to provide information on how vegetation communities at the landscape scale respond to long-term variation in water levels, and whether changes to the reservoir's operating regime may be required to maintain or enhance existing shoreline vegetation and associated ecosystems.

This monitoring program was initiated in 2007 and is being implemented every other year for ten years. Year 6 (2016) is the final year of the study and the report is currently being finalized and will be submitted in the 2018 Annual Report.

5.3 CLBMON-11A Wildlife Effectiveness Monitoring of Revegetation in Kinbasket Reservoir

The principal objective of CLBMON-11A is to assess the effectiveness of revegetation efforts (conducted under CLBWORKS-1) at improving habitat for wildlife in the drawdown zone of Kinbasket Reservoir.

A Terms of Reference Revision is currently being finalized to reflect methods that are more suitable for the current scale of revegetation prescriptions in the Kinbasket. The TOR Revision is expected to be resubmitted by June 29, 2017.

This monitoring program was initiated in 2008 and will be carried out periodically over ten years. Attached is the Year 8 (2015 field season) report dated July 25, 2016. The report for Year 9 (2016 field season) will be submitted with the 2018 Annual Report.

5.4 CLBMON-11B Wildlife Effectiveness Monitoring of Revegetation and Wildlife Physical Works in the Arrow Lakes Reservoir

The objective of CLBMON-11B is to assess the effectiveness of the revegetation efforts (conducted under CLBWORKS-2) at benefiting wildlife use of the drawdown zone of Arrow Lakes Reservoir. A second objective of this project is to assess the effectiveness of the wildlife physical works projects (conducted under CLBWORKS-30A and 30B) at improving conditions for nesting and migratory birds and wildlife in the drawdown zone of Arrow Lakes Reservoir.

During the Revegetation Technical Review, it was concluded that the current Terms of Reference for all components of CLBMON-11B required modification. During the course of initial monitoring under CLBMON-11B, some indicator species or sampling approaches proposed in the original TOR were found to be ineffective or to lack biological relevance in assessing the effectiveness of revegetation and wildlife physical works. Plans and schedule for wildlife physical works projects have also evolved. Consequently, some of the Management Questions, corresponding methods and monitoring components are being revised.

A Terms of Reference Revision is being finalized to better reflect the Order and the study designs chosen for implementation which will be resubmitted by June 29, 2017.

This program was initiated in 2009 and is implemented as four components: 11B1, 11B2, 11B3, and 11B4 (see details below). These components are separated below for readability in this Annual Report.

CLBMON-11B1 (Wildlife Effectiveness Monitoring and Enhancement Area Identification for the Lower and Mid-Arrow Lakes Reservoir)

The objective of this project component is to assess the effectiveness of the revegetation program in increasing wildlife utilization of the drawdown zone and to assess the effectiveness of wildlife physical works projects at improving conditions for nesting and migratory birds and wildlife in the drawdown zone of Arrow Lakes Reservoir. It was initiated in 2009 and will continue until 2019.

The Year 6 (2015) report for 11B1 is currently being finalized and will be submitted in the 2018 Annual Report.

CLBMON11B2 (Arrow Lakes Reservoir: Revelstoke Reach Spring Songbird Effectiveness Monitoring)

The objective of this project component is to assess the effectiveness of physical works in Revelstoke Reach with respect to spring migrant songbirds. This component was delivered for the first three years as a separate module (2009-2011). Commencing in 2012, this component has been delivered as part of CLBMON-39 (Neotropical Migrant Use of Arrow Lakes Reservoir) under the Arrow Reservoir Operations Management Plan.

CLBMON-11B3 (Revelstoke Reach Western Painted Turtle Monitoring Program)

The original objective of this project component was to evaluate the response of the Revelstoke Reach population of Western Painted Turtles to wildlife physical works; however, the wildlife physical works undertaken in CLBWORKS-30A have not been implemented in locations that have significant Western Painted Turtle usage.

A TOR resubmission for CLBMON-11B3 will be submitted by June 29, 2017, to include this component of Western Painted Turtle monitoring within the implementation of CLBMON-37 (Arrow Reservoir Amphibians and Reptile Life History and Habitat Use Assessment) under the Arrow Reservoir Operations Management Plan.

Attached is the Year 6 report for CLBMON-11B3 dated May 18, 2016. The Year 7 report (2016) is under development.

CLBMON-11B4 (Monitoring Wetland and Riparian Habitat in Revelstoke Reach in Response to Wildlife Physical Works)

The objective of this project component was to assess the effectiveness of the wildlife physical works program at improving wetland habitat conditions for nesting and migratory birds and other wildlife in the drawdown zone at Revelstoke Reach.

CLBMON-11B4 was initiated in 2010 and will continue until 2019. The Year 5 (2016) report for CLBMON-11B4 is currently being developed and will be submitted with the 2018 Annual Report.

5.5 CLBMON-12 Arrow Lakes Reservoir Monitoring of Revegetation Efforts and Vegetation Composition Analysis

The objective of CLBMON-12 is to evaluate plant survival and monitor representative revegetation sites under the various revegetation treatments in the mid Columbia River and Arrow Lakes Reservoir. This study will also assess changes in existing vegetation communities at the site (local) level in response to the soft constraints operating regime of the Arrow Lakes Reservoir.

This monitoring program was initiated in 2008 and will be carried out every other year over ten years. The project was not scheduled to implement in 2016; the final year of implementation is in 2017.

5.6 CLBMON-13 Inventory of Mosquito Populations in the Revelstoke Area

The objective of CLBMON-13 is to monitor the distribution and abundance of larval and adult mosquitoes in relation to physical environmental variables (elevation, temperature) and biotic variables (habitat) in the Revelstoke area.

This monitoring program was completed in 2009.

5.7 CLBMON-33 Arrow Lakes Reservoir Inventory of Vegetation Resources

The primary objective of CLBMON-33 is to monitor landscape level changes in the spatial extent, structure, and composition of vegetation communities within the 434-440 m ASL elevation band of the drawdown zone of the Arrow Lakes Reservoir.

This monitoring program was initiated in 2007 and was carried out periodically over ten years. The Year 6 (2016) report for CLBMON-33 is currently being finalized and will be submitted in the 2018 Annual Report. Year 6 represents the final year of this monitoring program.

5.8 CLBMON-35 Arrow Lakes Reservoir Plant Response to Inundation

During the Revegetation Technical Review, it was determined that a comprehensive analysis of successes and failures of all treated sites (within both Kinbasket and

Arrow Lakes Reservoirs) was needed. This analysis would incorporate elements from CLBMON-9, CLBMON-10, CLBMON-12, CLBMON-33, CLBWORKS-1, and CLBWORKS-2.

A TOR Revision outlining the methods to conduct and analyze data collected to date was approved by the Comptroller of Water Rights (CWR) on March 10, 2016. Implementation is planned for later in 2017.

5.9 CLBMON-57 Plant Communities

The objective of CLBMON-57 is to augment CLBMON-10 Kinbasket Reservoir Inventory of Vegetation Resources to quantify the landscape-level responses of existing riparian and wetland vegetation communities within the drawdown zone to the operating regime of the Kinbasket Reservoir and to identify any effects of Mica Generating Unit 5 on drawdown vegetation.

This monitoring program is scheduled to initiate in 2018.

6 Status of Physical Works

6.1 CLBWORKS-1 Kinbasket Reservoir Revegetation Program Physical Works

The objective of this project was to enhance suitable vegetation growth within the drawdown zone of Kinbasket Reservoir to benefit fish, wildlife, aesthetics, dust control and recreation. During the Revegetation Technical Review in December 2014, the technical committee concluded that woody debris accumulation in Kinbasket Reservoir is a major limiting factor in revegetation success. The outcome of the review was to pilot an approach to revegetation using existing woody debris and soil to create mounds for vegetation colonization.

A TOR resubmission outlining the proposal was approved by the CWR on June 10, 2015. The first debris mounds were constructed in October 2015 and monitoring of these mounds occurred in 2016. Due to lower than expected reservoir elevations between November 2015 and October 2016, we were unable to assess the effects of reservoir inundation (>753.5 m ASL) on the integrity of the mounds.

A 312 m long log boom was installed in June 2016 to prevent further deposition of woody debris on the recently cleared wetlands.

This physical works was initiated in 2007 and will be carried out periodically over 12 years. Attached is the Year 8 report dated February 1, 2017.

6.2 CLBWORKS-2 Arrow Lakes Reservoir Revegetation Program Physical Works

The objective of this project was to enhance suitable vegetation growth within the drawdown zone of the mid Columbia River and Arrow Lakes Reservoir to benefit fish, wildlife, aesthetics, dust control and recreation.

These physical works were initiated in 2007 and planting was carried out over the first five years of the Water Use Plan. A TOR for the final phase of work will be submitted for any revegetation required upon completion of any Wildlife Physical Works in the Lower Arrow Reservoir (CLBWORKS-30B).

7 Monitoring Programs and Physical Works Costs

The following table summarizes the Kinbasket and Arrow Reservoir Revegetation Management Plan WUP monitoring programs and physical works costs approved by the Comptroller and the Actual Costs to January 31, 2017.

Table 7-1: Kinbasket and Arrow Reservoir Revegetation Management Plan WUP Monitoring Programs and Physical Works Costs

Monitoring Programs	Costs approved by CWR	Life to Date Actuals (LTD)	Estimated to Complete (Forecast)	Total Forecast (LTD and Forecast)	Variance Total to Approved	Explanation	Corrective Action
CLB MP2 Kin & Arrow Reveg Annual Report	$18,280	$6,641	$4,434	$11,075	$7,205		
C02M09A KIN: Revegetation	$946,942	$642,323	$188,159	$830,483	$116,459	Efficiencies found during project implementation.	
C02M09A KIN: Revegetation - OR DM	$105,958	$65,397	$21,668	$87,065	$18,893		
C02M09A KIN: Revegetation - OR Imp	$840,984	$576,926	$166,491	$743,417	$97,567		
C02M10A KIN: Inv of Veg	$1,320,912	$1,278,677	$29,205	$1,307,882	$13,030	Efficiencies found during project implementation.	
C02M10A KIN: Inv of Veg - OR DM	$97,315	$71,195	$7,459	$78,654	$18,661		
C02M10A KIN: Inv of Veg - OR Imp	$1,223,597	$1,207,482	$21,746	$1,229,228	($5,631)		
C02M11A KIN: Wild Eff	$2,186,700	$1,502,147	$541,948	$2,044,095	$142,605	Methodology is being revised.	TOR to be resubmitted by June 29, 2017.
C02M11A KIN: Wild Eff - OR DM	$185,103	$91,502	$33,360	$124,863	$60,240		
C02M11A KIN: Wild Eff - OR Imp	$2,001,597	$1,410,645	$508,588	$1,919,232	$82,365		
C02M11B ARROW: Reveg & Wild	$4,129,608	$2,646,767	$1,822,871	$4,469,638	($340,030)	Expenditure to date is within TOR approved amount. Revisions to TOR methods and indicator species required to better assess effectiveness of wildlife and revegetation physical works.	TOR to be resubmitted by June 29, 2017.
C02M11B ARROW: Reveg & Wild - OR DM	$230,114	$216,438	$58,529	$274,967	($44,853)		
C02M11B ARROW: Reveg & Wild - OR Imp	$3,899,494	$2,430,329	$1,764,342	$4,194,671	($295,177)		
C02M12A Arr Rev&Comp - ONR	$83,718	$70,466	$8,110	$78,576	$5,142		
C02M12A Arr Rev&Comp - ONR Imp	$83,718	$70,466	$8,110	$78,576	$5,142		
C02M12A Arr Rev&Comp - OR	$678,922	$537,102	$134,090	$671,192	$7,730		
C02M12A Arr Rev&Comp - OR DM	$99,441	$80,291	$18,888	$99,179	$262		
C02M12A Arr Rev&Comp - OR Imp	$579,481	$456,811	$115,202	$572,013	$7,468		
C02M13A MID COL Mosquito Pop	$111,650	$88,150	$1,188	$89,338	$22,312	Project complete. Final Completion Report outstanding.	
C02M13A MID COL Mosquito Pop - OR DM	$26,962	$26,877	$1,188	$28,065	($1,103)		
C02M13A MID COL Mosquito Pop - OR Imp	$84,688	$61,273		$61,273	$23,415		
C02M33A ARROW: Veg Inventory - ONR	$41,154	$37,011	$3,263	$40,275	$879		
C02M33A ARROW: Veg Inventory - ONR Imp	$41,154	$37,011	$3,263	$40,275	$879		
C02M33A ARROW: Veg Inventory - OR	$1,437,358	$1,368,384	$28,229	$1,396,613	$40,745	Efficiencies found during project implementation.	
C02M33A ARROW: Veg Inventory - OR DM	$89,191	$89,952	$4,688	$94,641	($5,450)		
C02M33A ARROW: Veg Inventory - OR Imp	$1,348,167	$1,278,432	$23,540	$1,301,972	$46,195		
C02M35A ARROW: Plant Respons	$297,322	$38,513	$203,301	$241,814	$55,508	Project Implementation to commence later in 2017.	
C02M35A ARROW: Plant Respons - OR DM	$73,186	$38,513	$34,408	$72,921	$265		
C02M35A ARROW: Plant Respons - OR Imp	$224,136		$168,893	$168,893	$55,243		
C02M57A ARROW Plant Com	$248,992	$3,449	$241,905	$245,354	$3,638	Project Implementation starting in 2018.	
C02M57A ARROW Plant Com - ONR DM	$24,675	$3,449	$17,588	$21,037	$3,638		
C02M57A ARROW Plant Com - ONR Imp	$224,317		$224,317	$224,317			
C02W01A KIN Reveg 1800 1500	$2,668,277	$1,960,259	$482,118	$2,442,377	$225,900	Further expenditure is contingent on testing of pilot approaches (debris mounds).	
C02W01A KIN Reveg 1800 1500 - OR DM	$198,883	$174,700	$32,117	$206,817	($7,934)		
C02W01A KIN Reveg 1800 1500 - OR Imp	$2,469,394	$1,785,559	$450,001	$2,235,560	$233,834		
C02W02A MCR & ARR Reveg P1	$142,450	$136,552	$2,717	$139,269	$3,181	Project complete. Final Completion Report outstanding.	
C02W02A MCR & ARR Reveg P1 - OR DM	$37,732	$35,153	$2,717	$37,869	($137)		
C02W02A MCR & ARR Reveg P1 - OR Imp	$104,718	$101,400		$101,400	$3,318		
C02W02B MCR & ARR Reveg P2	$1,636,415	$1,636,415		$1,636,415	$0	Project complete. Final Completion Report outstanding.	
C02W02B MCR & ARR Reveg P2 - OR DM	$46,846	$40,955		$40,955	$5,891		
C02W02B MCR & ARR Reveg P2 - OR Imp	$1,589,569	$1,595,460		$1,595,460	($5,891)		
C02W02C MCR & ARR Reveg P3	$440,867	$388,666		$388,666	$52,201	Project complete. Final Completion Report outstanding.	
C02W02C MCR & ARR Reveg P3 - OR DM	$19,078	$21,224		$21,224	($2,146)		
C02W02C MCR & ARR Reveg P3 - OR Imp	$421,789	$367,442		$367,442	$54,347		
C02W02D MCR & ARR Reveg P4	$133,058	$10,307	$122,751	$133,058	$0	Further expenditure is contingent on implementation of wildlife physical works under CLBWORKS 30B Lower Arrow Wetlands.	
C02W02D MCR & ARR Reveg P4 - OR DM	$13,186	$7,517	$5,669	$13,186	$0		
C02W02D MCR & ARR Reveg P4 - OR Imp	$119,872	$2,790	$117,082	$119,872	$0		

OR - Ordered Remissible
ONR - Ordered Non-Remissible

* Red values in parentheses denote overage.