

Peace Project Water Use Plan Peace River Management Plan

Monitoring Programs and Physical Works Annual Report 2019

Implementation Period: June 2018 to July 2019

- **GMSMON-1 PCR Creel Survey**
- **GMSMON-2 PCR Fish Index**
- **GMSMON-5 PCR Productivity**
- **GMSMON-7 PCR Side Channel Fisheries**
- **GMSWORKS-1 PCR Aerial Photos**
- **GMSWORKS-3 PCR Side Channels**
- **GMSWORKS-4 PCR Hydraulic Habitat**
- **GMSWORKS-5 PCR Hydraulic Model**
- **GMSWORKS-6 PCR Mainstem Stage Discharge**
- **GMSWORKS-7 PCR Riparian Habitat Assessment**
- **GMSWORKS-10 PCR Industry & Taylor Water Quality Assessment**
- **GMSWORKS-13 PCR Recreation Access**
- **GMSWORKS-29 Lynx Creek Boat Launch Maintenance**
- **GMSWORKS-30 Taylor Boat Launch Design**
- **GMSWORKS-38 Taylor Boat Launch Construction**
- **GMSWORKS-40 Blackfoot Park Boat Launch Design**
- **GMSWORKS-41 Halfway River Boat Launch Design**
- **GMSWORKS-48 Blackfoot Park Boat Launch Construction**
- **GMSWORKS-52 Halfway River Boat Launch Maintenance**
- **GMSWORKS-55 Blackfoot Park Boat Launch Maintenance**
- **GMSWORKS-63 Taylor Boat Launch Maintenance**

For Water Licences 123018, 123019, 123020, 123021, 123025

August 30, 2019

BC Hydro Peace Project Water Use Plan Peace River Management Plan Annual Report: 2019

1 Introduction

This document represents a summary of the status and the results of the Peace Project Peace River Management Plan Water Use Plan (WUP) monitoring program and physical works projects to July 31, 2019, as per the Peace Order under the *Water Act*, dated August 9, 2007. This annual report includes those projects in Schedule C of the Order. There are four monitoring programs and seventeen physical works.

2 Status

The following table outlines the dates that Terms of Reference (TOR) for the Peace River Management Plan WUP monitoring programs and physical works were submitted to and approved by the Comptroller of Water Rights (CWR).

Table 2-1 Dates of Peace River 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
GMSMON-1 PCR Creel Survey	Schedule C.4.a	Apr 10, 2008	Apr 28, 2008	Aug 26, 2011	Nov 23, 2011 Approval to cancel
GMSMON-2 PCR Fish Index	Schedule C.4.b	Apr 10, 2008	Apr 28, 2008	Dec 14, 2018	July 9, 2019 Approval to cancel
GMSMON-5 PCR Productivity	Schedule C.4.c	Aug 08, 2008	Sep 15, 2008	Dec 14, 2018	July 9, 2019 Approval to cancel
GMSMON-7 PCR Side Channel Fisheries	Schedule C.4.d	Feb 07, 2008	Apr 02, 2008	Dec 14, 2018	July 9, 2019 Approval to cancel
GMSWORKS-1 PCR Aerial Photos	Schedule C.1	May 09, 2008	Jun 02, 2008	Dec 14, 2018	July 9, 2019 Approval to cancel
GMSWORKS-3 PCR Side Channels	Schedule C.1.a	May 09, 2008	Jun 02, 2008	Dec 14, 2018	Pending final inspection
GMSWORKS-4 PCR Hydraulic Habitat	Schedule C.1.b	May 09, 2008	Jun 02, 2008	Aug 07, 2009	Jan 20, 2010
GMSWORKS-5 PCR Hydraulic Model	Schedule C.1.b	May 09, 2008	Jun 02, 2008	Aug 07, 2009	Jan 20, 2010
GMSWORKS-6 PCR Mainstem Stage Discharge	Schedule C.1.b	May 09, 2008	Jun 02, 2008	Jun 27, 2013	Jul 11, 2013
GMSWORKS-7 PCR Riparian Habitat Assessment	Schedule C.1.c	Feb 07, 2008	Apr 02, 2008	Aug 07, 2009	Jan 20, 2010
GMSWORKS-10 PCR Industry & Taylor Water Quality Assessment	Schedule C.4.e	Nov 26, 2008	Dec 17, 2008		
GMSWORKS-13 PCR Recreation Access	Schedule C.2	May 09, 2008	Jun 02, 2008	Aug 07, 2009	Jan 20, 2010
GMSWORKS-29 Lynx Creek Boat Launch Maintenance	Schedule C.2.a	Apr 16, 2010	May 07, 2010		
GMSWORKS-30 Taylor Boat Launch Design	Schedule C.2.c	Apr 16, 2010	May 07, 2010	Jul 25, 2012	Aug 02, 2012
GMSWORKS-38 Taylor Boat Launch Construction	Schedule C.2.c	Jul 25, 2012	Aug 02, 2012	Oct 30, 2013	Nov 05, 2013
GMSWORKS-40 Blackfoot Park Boat Launch Design	Schedule C.2.d	Apr 15, 2010	Jun 28, 2010	Aug 19, 2013	Oct 10, 2013 Approval to cancel
GMSWORKS-41 Halfway River Boat Launch Design	Schedule C.2.b	Apr 15, 2010	Jun 28, 2010	Apr 18, 2011	Apr 3, 2012 Deferred until Site C decision
GMSWORKS-48 Blackfoot Park Boat Launch Construction	Schedule C.2.d	Apr 18, 2011	Apr 3, 2012 Deferred	Aug 19, 2013	Oct 10, 2013 Approval to cancel
GMSWORKS-52 Halfway River Boat Launch Maintenance	Schedule C.2.b	Apr 18, 2011	Apr 03, 2012		
GMSWORKS-55 Blackfoot Park Boat Launch Maintenance	Schedule C.2.d	Apr 18, 2011	Apr 3, 2012 Deferred	Aug 19, 2013	Oct 10, 2013 Approval to cancel
GMSWORKS-63 Taylor Boat Launch Maintenance	Schedule C.2.c	Jul 25, 2012	Aug 1, 2012 Not approved	Mar 30, 2018	May 24, 2018

3 Schedule

The following table outlines the current schedule for the monitoring programs and physical works being delivered for the Peace River Management Plan WUP.

Table 3-1: Monitoring Programs and Physical Works Schedule as of July 31, 2019

Monitoring Programs and Physical Works	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR	WLR
	YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10	YR11	YR12	YR13	YR14	YR15	YR16	YR17	YR18	YR19	YR20
GMSMON-1: PCR Creel Survey		x	x	•																
GMSMON-2: PCR Fish Index	✓	✓	✓	✓	✓	✓	✓					•								
GMSMON-5: PCR Productivity			Del	Del	Del	✓	✓					•								
GMSMON-7: PCR Side Channel Fisheries			Del	Del	Del	✓	✓					•								
GMSWORKS-1: PCR Aerial Photos	✓	✓	✓	✓			✓					•								
GMSWORKS-3: PCR Side Channels ¹	Del	✓	✓	✓	✓	✓	✓													
GMSWORKS-4: PCR Hydraulic Habitat	Del	✓	✓	✓	✓F															
GMSWORKS-5: PCR Hydraulic Model	Del	✓	✓	✓	✓	✓F														
GMSWORKS-6: PCR Mainstem Stage Discharge	Del	✓	✓	✓	✓	✓	✓F													
GMSWORKS-7: PCR Riparian Habitat Assessment			✓	✓	✓F															
GMSWORKS-10: PCR Industry & Taylor Water Quality Assessment	Del	✓	✓	✓	✓F															
GMSWORKS-13: PCR Recreation Access	✓	✓	✓F																	
GMSWORKS-29 Lynx Creek Boat Launch Maintenance			✓	✓	✓	✓	✓	✓	✓	✓	✓	■*								
GMSWORKS-30 Taylor Boat Launch Design			✓	✓	✓F															
GMSWORKS-38 Taylor Boat Launch Construction					✓	✓F														
GMSWORKS-40 Blackfoot Park Boat Launch Design			✓	✓	✓	•														
GMSWORKS-41 Halfway River Boat Launch Design ¹			✓	✓																
GMSWORKS-48 Blackfoot Park Boat Launch Construction						•														
GMSWORKS-52 Halfway River Boat Launch Maintenance						✓	✓	✓	✓	✓	✓	■*								
GMSWORKS-55 Blackfoot Park Boat Launch Maintenance						•														
GMSWORKS-63 Taylor Boat Launch Maintenance						✓*	✓*	✓*	✓	✓	✓	■*	■*	■*	■*	■*	■*	■*	■*	■*

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Project to be undertaken/initiated in identified year

Project is completed for the year

Project is under way

Maintenance only in identified year

Relief granted; Project cancelled

Project not undertaken as planned for this year

Project is delayed for the year

All field work for this project is complete. No further field work is planned.

Footnotes:
1. Projects suspended as per CWR due to Site C
2. Project partially suspended as per CWR due to Site C

4 Monitoring Programs and Physical Works Terms of Reference

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

https://www.bchydro.com/about/sustainability/conservation/water_use_planning/northern_interior/peace_river/recreational_access.html

5 Status of Monitoring Programs

5.1 GMSMON-1 Peace River Creel Survey

The objective of this project was to monitor fishing pressure due to sport fishing to aid in evaluating the effectiveness of operational changes or physical works projects designed to improve fish habitat and fish productivity.

Approval to proceed with this project was received in a letter from the CWR on April 28, 2008. However, in 2008 BC Hydro had also initiated a creel survey project in the same geographic area under the Site C Phase 2 environmental investigations. The WUP survey was delayed until completion of the Site C survey to allow evaluation of those results. The Site C creel survey included a much greater scope and budget than the WUP survey; however, it was unable to account variability and detect changes in fish populations. Further review of the WUP creel survey with this added context indicated that further changes to the scope, schedule and budget of the WUP creel survey would still be insufficient to answer the management questions. As a result, this project was cancelled as per the CWR approval on November 23, 2011.

5.2 GMSMON-2 Peace River Fish Index

The purpose of this monitoring project was to understand trial side channel effectiveness as demonstrated through changes in fish populations. This monitoring project commenced in 2008 and was to be undertaken every year for ten years (completing in 2017). However, as the area for this project is located within the Site C inundation zone and the outcome of the indexing will not be applicable to a reservoir environment; this project has been cancelled as per the CWR letter dated July 9, 2019.

5.3 GMSMON-5 Peace River Productivity

This monitoring project was designed to evaluate the side channel effectiveness through any observed changes in periphyton communities. The project commenced in 2013; however, as the area of the project is located within the Site C inundation zone and the outcome of the project will not be applicable to a reservoir environment; this project has been cancelled as per the CWR letter dated July 9, 2019.

5.4 GMSMON-7 Peace River Side Channel Fisheries

The purpose of this monitoring project was to monitor side channel fisheries habitat to assess the efficacy of the trial side channel enhancements (GMSWORKS-3) and inform flow regime decisions at Peace Canyon Generating

Station. Work commenced in 2013 with the collection of baseline information. The works at location Site 102.5R were completed in spring of 2014 and one year of post-construction monitoring information was collected. However, as the area for this project is located within the Site C inundation zone and the outcome of the project will not be applicable to a reservoir environment; this project has been cancelled as per the CWR letter dated July 9, 2019.

6 Status of Physical Works

6.1 GMSWORKS-1 Peace River Aerial Photos

The objective of this opportunistic project was to document the effect of Peace River inundation of shoreline and riparian areas to inform the flood pulse management plan. This work was initiated in October 2008, and the first complete set of aerial photography for all required flows was completed by 2011. A second set of aerial photography was planned for 2016; however, as the area for this project is located within the Site C inundation zone and the outcome of the study will not be applicable to a reservoir environment; this project has been cancelled as per the CWR letter dated July 9, 2019.

6.2 GMSWORKS-3 Peace River Side Channels

The purpose of this project was to improve fisheries habitat and productivity in Peace River side channels. The inventory work associated with this project was initiated in May 2009 and was completed in January 2010. A final report for the inventory stage was completed in May 2010.

Site selection continued in 2011, and sites (32L and 102.5R) were approved by the CWR on July 28, 2011. It was later determined that as Site 32L was within the proposed inundation zone for Site C, it was subsequently dropped from the project.

Construction at Site 102.5R was completed in April 2014. Inspections in 2014 and 2015 assessed functionality, bank stability, vegetation, and erosion. The biological monitoring of this project was undertaken in GMSMON-7.

A final inspection of the site will occur in 2019, five years post construction, to ensure continued functionality. Since the anticipated benefits of this project to the Peace River Management Plan under the Peace Project WUP are no longer relevant with the construction of Site C, BC Hydro will be seeking relief from any further work on this project from the CWR under the WUP Order once the five-year post construction monitoring report is finalized.

6.3 GMSWORKS-4 Peace River Hydraulic Habitat

The objective of this project was to estimate hydraulic habitat types as a function of flow, in order to quantify fish habitat in the Peace River at several steady state discharges. The study involved using aerial photos for different flows, determining habitat types into a GIS-based mapping system, and developing a modelling of hydraulic habitat as a function of flow.

This project was initiated in 2009 and was completed in 2012.

6.4 GMSWORKS-5 Peace River Hydraulic Model

The purpose of this project was to develop a hydraulic model to support side channel habitat restoration projects. The project involved surveying cross sections between Peace Canyon Dam and the Pine River and incorporating other available modelling and data.

This project commenced in 2009 and was completed in 2013.

6.5 GMSWORKS-6 Peace River Mainstem Stage Discharge

The purpose of this project was to establish stage discharge relationships at points along the Peace River. Five hydrometric stations were installed for long term flow monitoring to allow correlation of side channel inundation with mainstem discharge, and to provide data for calibration and validation of a numerical model (under GMSWORKS-5). Station locations were selected based on channel stability, hydraulic control, and proximity to other hydrometric gauges, tributaries, and side channel complexes.

This project was initiated in 2009. In 2013, the CWR approved a TOR addendum that reduced the study duration to five years as the original ten-year duration of the project was not required to reach the objective. This project was completed in 2014.

6.6 GMSWORKS-7 Peace River Riparian Habitat Assessment

The purpose of this project was to assess the vegetation community in the riparian zone with respect to flood-dependent species, advancement of vegetation on river bars, and loss or receding of vegetation in other areas.

Work on this project was initiated in 2010 and completed in 2012.

6.7 GMSWORKS-10 Peace River Industry and Taylor Water Quality Assessment

The purpose of this project was to investigate hydraulic effects that may occur when the Peace River flows are reduced during the Pine River freshet. The study consisted of a review of available information, interviews with industrial and municipal stakeholders, site reconnaissance, and collection of field data related to bathymetric surveys, turbidity profiles, suspended sediment concentrations, and sampling of the dredged material from the river intake.

This project was initiated in 2009 and completed in 2012.

6.8 GMSWORKS-13 Peace River Recreational Access

The objective of this feasibility study was to evaluate options for improving recreational access on the Peace River. The WUP Order contained requirements for feasibility studies for Lynx Creek, Halfway River, Peace Island Park and Clayhurst/Blackfoot Regional Park. However, two boat launches (Lynx and Taylor (Peace Island Park)) had already been constructed by the time the WUP Order was issued. In 2010, the CWR acknowledged that since Lynx and Taylor had been constructed, no additional feasibility study (per Order Schedule C.2 a) was required for these two boat launches¹.

The feasibility study was completed in March 2010 for a site within the Blackfoot Regional Park, the existing location of the Halfway River boat launch plus two other alternate sites near Halfway River. The alternate sites were not recommended and it was recommended to progress to additional design and investigations at both existing boat launch locations.

The next phase of design work for Blackfoot Park and Halfway boat launches was completed under GMSWORKS-40 and GMSWORKS-41, respectively, described further below.

This project is complete.

6.9 GMSWORKS-29 Lynx Creek Boat Launch Maintenance

This project is for the ongoing maintenance of the Lynx Creek boat launch.

The Lynx Creek boat ramp was constructed prior to the completion of the Peace WUP.

Annual maintenance of the existing boat launch will continue in accordance with the TOR approved by the CWR on May 7, 2010, which expires at the end of 2019. We intend to coordinate with the Site C team and make further submissions to your office as required.

6.10 GMSWORKS-30 Taylor Boat Launch Design

This project covered the design of the ramp at Taylor in Peace Island Park, located 15 km southeast of Fort St. John on the south bank of the Peace River.

BC Hydro constructed the ramp at Peace Island Park prior to completion of the Peace WUP. By 2010, BC Hydro had identified significant deficiencies on the ramp, and outlined extensive repair works including placement of rip-rap and lock-blocks to prevent undercutting. On May 7, 2010, the CWR approved these repairs.

Ongoing maintenance of the Taylor ramp is covered by GMSWORKS-63.

This project is complete.

6.11 GMSWORKS-38 Taylor Boat Launch Construction

This project was for the construction of the new ramp at Taylor (Peace Island Park) following the design work undertaken in GMSWORKS-30.

¹ Concerns were subsequently identified and additional work was undertaken in GMSWORKS-30, 38 and 52 described below.

Construction commenced in September 2012 and the concrete ramp was in-service by the end of March 2013. This project is complete.

Maintenance of the Taylor boat launch is covered by GMSWORKS-63.

6.12 GMSWORKS-40 Blackfoot Park Boat Launch Design

This project was for the design phase for the boat ramp upgrade at Blackfoot Regional Park. The park is located close to the Alberta border immediately downstream (east) of the Clayhurst Road Bridge.

Following feasibility investigations, BC Hydro concluded that flooding issues related to the topography of the site would affect the feasibility of upgrade options. Additionally, due to the complexity of constructing within the Peace River, any boat ramp construction in the river would be extremely costly. Moreover, given the proximity to the nearby Taylor boat launch (recently upgraded under GMSWORKS-38), this launch was expected to have low use.

Consequently, on October 10, 2013, the CWR granted relief from further design under this project, construction (under GMSWORKS-48) and from maintenance (under GMSWORKS-55) on the Blackfoot Park boat launch facilities.

The project is complete.

6.13 GMSWORKS-41 Halfway River Boat Launch Design

This project was for the design of the Halfway River boat launch.

The existing Halfway River boat launch is located immediately south (downstream) of the Highway 29 Bridge over the Halfway River on the east bank.

The feasibility was undertaken in GMSWORKS-13, and preliminary designs for improvements the existing boat launch were developed in 2011.

On April 3, 2012, following agreement between local stakeholders and BC Hydro, the CWR approved suspending this project pending Site C developments. Maintenance at the current site occurs under GMSWORKS-52 discussed further below.

6.14 GMSWORKS-48 Blackfoot Park Boat Launch Construction

This project was for the construction costs associated with the boat ramp at Blackfoot Park. As discussed in GMSWORKS-40 above, on October 10, 2013, the CWR granted relief from construction at the Blackfoot Park boat launch.

The project is complete.

6.15 GMSWORKS-52 Halfway River Boat Launch Maintenance

This project is for the ongoing maintenance of the Halfway River boat launch.

Annual maintenance of the existing boat launch will continue according the CWR letter dated April 3, 2012, until BC Hydro makes further submissions on this or the GMSWORKS-41 (Halfway River Boat Launch Design) project. BC Hydro intends to coordinate with the Site C team and make further submissions to the CWR office as required.

6.16 GMSWORKS-55 Blackfoot Park Boat Launch Maintenance

This project was intended for the ongoing maintenance of the Blackfoot Park boat launch. As indicated in GMSWORKS-40 and -48 above, on October 10, 2013, the CWR granted relief for any further maintenance at the Blackfoot Park boat ramp.

This project is complete.

6.17 GMSWORKS-63 Taylor Boat Launch Maintenance

This project is for the ongoing maintenance of the Taylor boat launch located in Peace Island Park. Design was undertaken in GMSWORKS-30 and construction under GMSWORKS-38.

On March 27, 2018, BC Hydro submitted a revised TOR for maintenance of the boat launch until 2027. The resubmission defined the area of responsibility and a included a structural maintenance budget. CWR approved resubmission on May 24, 2018.

Annual maintenance on the upgraded boat launch at Taylor will continue, which includes periodic engineering inspections.

7 Monitoring Programs and Physical Works Costs

The following table summarizes the Peace River Management Plan WUP monitoring programs and physical works costs approved by the Comptroller and the Actual Costs to July 31, 2019.

Table 7-1: Peace River Management Plan WUP Monitoring Programs and Physical Works Costs

Monitoring Programs & Physical Works	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
GMS Prepare Annual Report	\$56,321	\$47,324	\$3,682	\$51,005	\$5,316		
GMSM01A PCR Creel Survey	\$9,937	\$9,938		\$9,938	\$0	Project cancelled	
GMSM01A PCR Creel Survey - OR DM	\$9,937	\$9,938		\$9,938			
GMSM01A PCR Creel Survey - OR Imp	\$0						
GMSM02A PCR Fish Index	\$2,285,174	\$1,498,663		\$1,498,663	\$786,511	Project cancelled	
GMSM02A PCR Fish Index - OR DM	\$112,133	\$63,172		\$63,172	\$48,961		
GMSM02A PCR Fish Index - OR Imp	\$2,173,041	\$1,435,492		\$1,435,492	\$737,549		
GMSM05A PCR Productivity	\$1,133,979	\$227,976		\$227,976	\$906,003	Project cancelled	
GMSM05A PCR Productivity - OR DM	\$129,576	\$35,718		\$35,718	\$93,858		
GMSM05A PCR Productivity - OR Imp	\$1,004,403	\$192,258		\$192,258	\$812,145		
GMSM07A PCR Side Channel Fish	\$841,652	\$234,903		\$234,903	\$606,749	Project cancelled	
GMSM07A PCR Side Channel Fish - OR DM	\$148,761	\$42,891		\$42,891	\$105,870		
GMSM07A PCR Side Channel Fish - OR Imp	\$692,891	\$192,012		\$192,012	\$500,879		
GMSW01A PCR Aerial Photos	\$709,995	\$233,073	\$184	\$233,258	\$476,737	Project cancelled	
GMSW01A PCR Aerial Photos - OR DM	\$15,318	\$11,536	\$184	\$11,720	\$3,598		
GMSW01A PCR Aerial Photos - OR Imp	\$694,677	\$221,537		\$221,537	\$473,140		
GMSW03A PCR Trial Side Chan	\$2,477,678	\$1,255,847	\$23,237	\$1,279,083	\$1,198,595	Project suspended prior to construction of a second site.	
GMSW03A PCR Trial Side Chan - OR DM	\$48,977	\$55,902	\$1,036	\$56,938	(\$7,961)		
GMSW03A PCR Trial Side Chan - OR Imp	\$2,428,701	\$1,199,945	\$22,201	\$1,222,146	\$1,206,555		
GMSW04A PCR Hydraulic Habit	\$134,816	\$134,815		\$134,815	\$1	Project complete	
GMSW04A PCR Hydraulic Habit - OR DM	\$17,728	\$17,727		\$17,727	\$1		
GMSW04A PCR Hydraulic Habit - OR Imp	\$117,088	\$117,088		\$117,088	\$0		
GMSW05A PCR Hydraulic Model	\$270,648	\$210,659		\$210,659	\$59,989	Project complete	
GMSW05A PCR Hydraulic Model - OR DM	\$31,742	\$30,994		\$30,994	\$748		
GMSW05A PCR Hydraulic Model - OR Imp	\$238,906	\$179,665		\$179,665	\$59,241		
GMSW06A PCR Mainstem Stage	\$306,437	\$295,755		\$295,755	\$10,682	Project complete	
GMSW06A PCR Mainstem Stage - OR DM	\$39,515	\$33,755		\$33,755	\$5,760		
GMSW06A PCR Mainstem Stage - OR Imp	\$266,922	\$262,000		\$262,000	\$4,922		
GMSW07A PCR Riparian Habit	\$181,857	\$153,336		\$153,336	\$28,521	Project complete	
GMSW07A PCR Riparian Habit - OR DM	\$22,854	\$31,569		\$31,569	(\$8,715)		
GMSW07A PCR Riparian Habit - OR Imp	\$159,003	\$121,768		\$121,768	\$37,235		
GMSW10A PCR Industry & Tay	\$220,253	\$159,484		\$159,484	\$60,769	Project complete	
GMSW10A PCR Industry & Tay - OR DM	\$69,761	\$26,652		\$26,652	\$43,109		
GMSW10A PCR Industry & Tay - OR Imp	\$150,492	\$132,832		\$132,832	\$17,660		
GMSW13A PCR Recreation Acc	\$326,409	\$131,146		\$131,146	\$195,263	Project complete	
GMSW13A PCR Recreation Acc - OR DM	\$96,825	\$16,632		\$16,632	\$80,193		
GMSW13A PCR Recreation Acc - OR Imp	\$229,584	\$114,514		\$114,514	\$115,070		
GMSW29A Lynx Creek BL Maintenance	\$280,376	\$8,331	\$10,792	\$19,123	\$261,253	Budget includes contingency that has not been used	
GMSW29A Lynx Creek BL Maintenance- OR DM	\$91,709	\$4,554	\$792	\$5,346	\$86,363		
GMSW29A Lynx Creek BL Maintenance OR Imp	\$188,667	\$3,777	\$10,000	\$13,777	\$174,890		
GMSW30A Taylor BL Design	\$260,501	\$256,014		\$256,014	\$4,487	Project complete	
GMSW30A Taylor BL Design - OR DM	\$2,641	\$21,005		\$21,005	(\$18,364)		
GMSW30A Taylor BL Design - OR Imp	\$257,860	\$235,009		\$235,009	\$22,851		
GMSW38A Taylor BL Construction	\$5,408,200	\$5,404,955		\$5,404,955	\$3,245	Project complete	
GMSW38A Taylor BL Construction - OR DM	\$145,100	\$36,392		\$36,392	\$108,708		
GMSW38A Taylor BL Construction - OR Imp	\$5,263,100	\$5,368,563		\$5,368,563	(\$105,463)		
GMSW40A BRD Blackfoot Park BL	\$93,732	\$93,732		\$93,732	\$0	Project cancelled	
GMSW40A BRD Blackfoot Park BL- OR DM	\$17,508	\$17,508		\$17,508			
GMSW40A BRD Blackfoot Park BL- OR Imp	\$76,224	\$76,224		\$76,224			
GMSW41A BRD Halfway R BL Design	\$0	\$52,642		\$52,642	(\$52,642)	Project suspended. Costs are associated with design work prior to suspension.	
GMSW41A BRD Halfway R BL Design - OR DM	\$0	\$11,093		\$11,093	(\$11,093)		
GMSW41A BRD Halfway R BL Design - OR Imp	\$0	\$41,549		\$41,549	(\$41,549)		
GMSW48A BRC Blackfoot Pk BL Maint	\$45,481	\$45,481		\$45,481	\$0	Project cancelled	
GMSW48A BRC Blackfoot Pk BL Maint- OR DM	\$5,026	\$5,026		\$5,026			
GMSW48A BRC Blackfoot Pk BL Maint-OR Imp	\$40,455	\$40,455		\$40,455			
GMSW52A Halfway River BL Design	\$180,000	\$52,363	\$51,292	\$103,655	\$76,345	Budget includes contingency that has not been used	
GMSW52A Halfway River BL Design - OR DM	\$0	\$12,067	\$6,292	\$18,358	(\$18,358)		
GMSW52A Halfway River BL - OR Imp	\$180,000	\$40,297	\$45,000	\$85,297	\$94,703		
GMSW55A Blackfoot BL Maintenance	\$0			\$0	\$0	Project cancelled	
GMSW55A Blackfoot BL Maintenance - OR DM	\$0				\$0		
GMSW55A Blackfoot BL Maintenance- OR Imp	\$0				\$0		
GMSW63A Taylor BL Maintenance	\$566,951	\$67,011	\$107,241	\$174,252	\$392,699	Budget includes contingency that has not been used	
GMSW63A Taylor BL Maintenance - OR DM	\$38,731	\$22,810	\$11,641	\$34,451	\$4,280		
GMSW63A Taylor BL Maintenance - OR Imp	\$528,220	\$44,201	\$95,600	\$139,801	\$388,419		

OR - Ordered Remissible
ONR - Ordered Non-Remissible

* Red values in parentheses denote overage.