










Wabamun Lake Sub-Watershed Land Use Plan
2018 Revised Action Plan

Project Outcomes	Actions	Status	Considerations	Resources*	Implication for not completing
<p>The Wabamun Sub-Watershed Land Use Plan (WLSLUP) was completed in three phases:</p> <p>Phase I—Technical Report Phase II—Wabamun Sub-Watershed Land Use Plan Phase III—Action Plan</p>	<p>Implementation Committee - An action coming out of Phase II WLSLUP was development of an implementation / ad-hoc Wabamun Committee. Membership would include stakeholders and other municipalities.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Coordinated governance</i>		<ul style="list-style-type: none">An ad-hoc Wabamun Committee has met since fall 2017 to prioritize projects for action. A formal “implementation committee” will form in 2018 and develop a TOR to be signed off by participating stakeholders and partners.	<ul style="list-style-type: none">Project is complete <p>Outcome: Ad-hoc Committee has met. Terms of Reference for Implementation Committee will be developed in 2018.</p>	<ul style="list-style-type: none">N/A <ul style="list-style-type: none">Project is complete
<p>Phase I—Technical Report was presented to Committee of the Whole on December 1, 2015 and informed completion of Phase II work.</p>	<p>Nutrient Bylaw: creation of a Nutrient Bylaw, if supported by Council, may lead to a reduction of fertilizer nutrients entering the lake.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Protect sub-watershed environment</i><i>Reduce development impacts</i>		<ul style="list-style-type: none">The ad-hoc Wabamun Committee has identified this as an action for 2019 to be developed by the County.	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Respected EnvironmentResponsible Leadership <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Wabamun Sub-Watershed Land Use PlanWatershed Land Use Implementation (lakes) <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected Environment	<p>Project Lead: Parks, Recreation & Culture</p> <p>Hours: 400</p> <p>External costs (if any): NA</p> <ul style="list-style-type: none">Lake water quality may degrade due to increase nitrogen and phosphorous loading.Nutrient Bylaw development has not yet commenced. Identified as a 2019 action item.
<p>Phase II – Wabamun Sub-Watershed Land Use Plan Resulted in 5 main outcomes being identified. Outcomes has separate objectives. Outcome include:</p> <ul style="list-style-type: none">Protect sub-watershed environmentResponsible economic developmentReduce development impactsCoordinated governanceSupporting stewardship programs <p>WLSLUP outcomes also informed the development of other key plans, studies and policies undertaken by the County. There are identified at the end of this section under “other project outcomes”.</p>	<p>Wabamun Lake Septic Program: Planning & Development Services has begun the Wabamun Septic Program. The program includes education on compliance / available incentives in place to support compliance and enforcement.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Protect sub-watershed environment</i><i>Reduce development impacts</i>		<ul style="list-style-type: none">Wabamun Septic Program is identified in the Planning & Development Work Plan for 2018. Septic programs for other lakes / backlot owners are tentatively scheduled into late 2019 and 2020.	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Respected EnvironmentResponsible Leadership <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Wabamun Sub-Watershed Land Use PlanWatershed Land Use Implementation (lakes) <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected Environment	<p>Project Lead: Planning & Development Services</p> <p>Hours: 2475 hours</p> <p>External costs (if any): NA</p> <ul style="list-style-type: none">Further outdated and failing septic systems may continue to effect the sub-watershed influencing community life, water quality and a balance landscape.
	<p>ALUS and Green Acreages Program staff in Community Sustainability coordinate the operation of both projects.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Protect sub-watershed environment</i><i>Reduce development impacts</i><i>Supporting stewardship programs</i>		<ul style="list-style-type: none">Program is currently in progress for 2018 and beyond.	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Respected CommunitiesRespected EnvironmentResponsible Leadership <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Wabamun Sub-Watershed Land Use PlanWatershed Land Use Implementation (lakes) <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentStrategic Economic DiversificationResponsible Leadership	<p>Project Lead: Community Sustainability Department</p> <p>Hours: on-going program</p> <p>External costs (if any): NA</p> <p><i>In Community Sustainability operating budget.</i></p> <ul style="list-style-type: none">MOU agreement exists with ALUS Canada.Would severely limit municipal services provided by private land ie: water filtration, flood mitigation, scenic value etc.Would limit the County’s ability to leverage external funding for our rural communities and residents.

*Total hours are + / - a factor of 50% and;

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Project outcomes	Actions	Status	Considerations	Resources *	Implication for not completing	
<p>Phase III—Action Plan Administration prepared an Action Plan for the WLSLUP project. The Action plan identified projects to support the watershed, re-source considerations and potential project timelines.</p> <p>Phase IV—Toolkit Administration presented the draft Wabamun Toolkit to Council in February 2018. Council requested changes. Completion of the toolkit has been delayed due to the need to complete higher priority projects.</p> <p><i>NOTE: given the work of the ad-hoc Wabamun Committee, actions in the Action Plan has been reduced significantly (see page 3). Actions that the County has already completed, or will not be undertaking due to resource constraints have been removed.</i></p>	<p>Re-inventorying reserve parcels around Lake Wabamun: Planning and Development Services has identified the review and re-classification of reserve lands around Lake Wabamun to start in 2020.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Protect sub-watershed environment</i><i>Reduce development impacts</i>		<p>Planning & Development will work collaboratively with Parks and Recreation, and Community Sustainability to prepare a Terms of Reference and Project Plan in 2019. Work on the project will commence in 2020.</p>	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentResponsible Leadership <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Wabamun Sub-Watershed Land Use PlanWatershed Land Use Implementation (lakes) <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentResponsible Leadership	<p>Project Lead: Planning & Development Services</p> <p>Hours: 750 hours</p> <p>External costs (if any): NA</p>	<ul style="list-style-type: none">Conflicts between neighbors vs. neighbors and the County will continue.Alterations of environmentally sensitive areas will continue to be adversely affected within the Watershed.
	<p>Natural Capital Retention: The project aims at retaining and increasing natural areas (wetlands / native vegetation) in the sub-watershed. The completion of a County Wetland Policy was in part, a result of the WLSLUP study.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Protect sub-watershed environment</i><i>Reduce development impacts</i>		<p>Project will be led by Community Sustainability. Identify priority areas based on ecological value and sensitivities from the ECMP and Wetland Inventory. Being implemented through biophysical assessments during development. Still require a wetland policy for guidance on wetland priorities and wetland replacement.</p>	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentResponsible LeadershipStrategic Economic Diversification <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Watershed Land Use Implementation (lakes)Annexation StudyAsset Management ProgramEconomic Diversification Marketing <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentStrategic Economic DiversificationResponsible Leadership	<p>Project Lead: Community Sustainability Department</p> <p>Hours: 500 hours</p> <p>External costs (if any): NA</p> <p>In Community Sustainability operating budget.</p>	<ul style="list-style-type: none">Unclear direction will delay the development process.Lack of information regarding priority areas will not inform Spruce Grove annexation discussions.Will be more difficult to access Provincial funding for restoration.Will need to pay for built infrastructure to replace municipal services provided by natural capital.Continued loss of high value wetlands and ESA areas.Potential negative impacts to lake water quality and lake recreation.Need to understand Highvale Mine end land use plan from a watershed perspective in terms of potential contribution to reclaimed wetlands and watercourses and timing of reclamation.
	<p>Lake Monitoring / Education / Enforcement: Will focus on increasing visible presence of education on safety / illegal activities at high-peak season and the enforcement of illegal infractions.</p> <p>Aligns to WLSLUP outcome:</p> <ul style="list-style-type: none"><i>Supporting stewardship programs</i>		<p>Project aligns with Outcome # 5 “supporting stewardship programs” since a large component will be the County working in conjunction with other lake municipalities (SV’s), the Wabamun Watershed Management Council, and the Provincial and Federal governments.</p> <p>Parkland County to manage the process but will seek assistance from other levels of government and lake stewardship groups.</p>	<p>Ensures Strategic Plan Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentResponsible Leadership <p>Fulfils 2018 Priority Projects by:</p> <ul style="list-style-type: none">Wabamun Sub-Watershed Land Use PlanWatershed Land Use Implementation (lakes) <p>Shows a Balanced Approach by following Pillars of:</p> <ul style="list-style-type: none">Complete CommunitiesRespected EnvironmentStrategic Economic DiversificationResponsible Leadership	<p>Project Lead: TBD</p> <p>Hours: TBD</p> <p>External costs (if any): TBD</p>	<ul style="list-style-type: none">Lack of collaboration between agencies could result in inefficiencies and duplication of education and enforcement efforts within the Sub-watershed.Lack of education and lack of patrol presence could lead to further public infractions and community frustration.

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Wabamun Lake Sub-Watershed Land Use Plan
Future Actions

Projects below are identified as future actions for the sub-watershed. Projects will start as department workplans are completed in coming years. The dates provide are estimated start times for projects.

WSLUP Actions	Future Timelines*
Complete Hazard Land Analysis for the Sub-Watershed	<ul style="list-style-type: none">Identified for completion beyond 2022 by Planning & Development Services.
Complete a residential carrying capacity study for the Sub-Watershed.	<ul style="list-style-type: none">Scheduled to start in 2022 by Planning & Development.
Complete Habitat Connectivity Survey.	<ul style="list-style-type: none">Identified in the ICSP as an Action item. Timeline to be reviewed by the Community Sustainability Department.
Explore best management practices for future road construction and sediment control.	<ul style="list-style-type: none">Timeline to be reviewed by Engineering Services Department. Scheduled to start 2022.
Complete a Stormwater Management Plan for the Sub-Watershed	<ul style="list-style-type: none">Timeline to be reviewed by Engineering Services Department. Scheduled to start 2022.
Assist in construction of future boat access points, launches and parking lots.	<ul style="list-style-type: none">Administration is currently looking into the feasibility of a boat launch facility on the Wabamun south shore