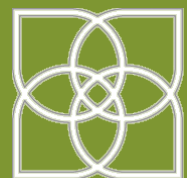


Lake Wabamun Boat Launch Study



EDA
Collaborative Inc.



SHOREPLAN

Agenda

- ▶ Review of Project Workplan
- ▶ Study Context
- ▶ Community Consultation
- ▶ Review of Existing Conditions and Research
- ▶ Recommendations

Review of Work Plan

Phase One: Inventory + Analysis

Aug. – Oct. 2012

- Existing Site Conditions – Land Based
- Existing Site Conditions – Water Based
- Planning Context
- Operations and Management Review
- Best Practices / Comparative Review



Phase Two: Public Engagement + Demand Assessment

Aug. 2012

- User / Stakeholder Identification
- User Surveys – Resident / Organizations / Intercept
- Demand Assessment



Phase Three: Preliminary Strategy Options

Nov. 2012

- Framework Plan
- Choices and Directions
- Preliminary Launch Strategies



Phase Four: Final Strategy Plan

Dec. 2012

- Preferred Launch Recommendations
- Final Strategy Report

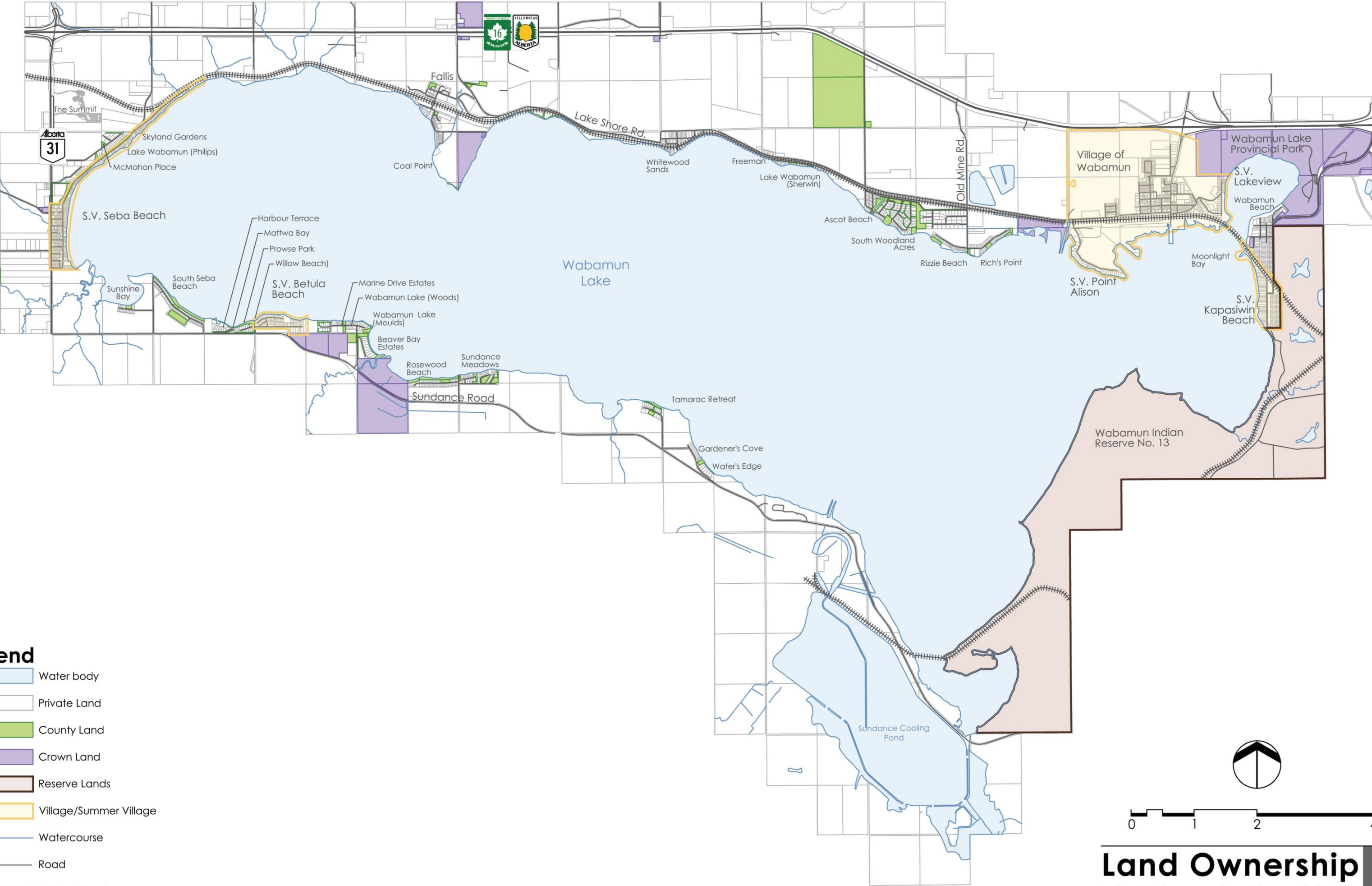


Jan. 2013

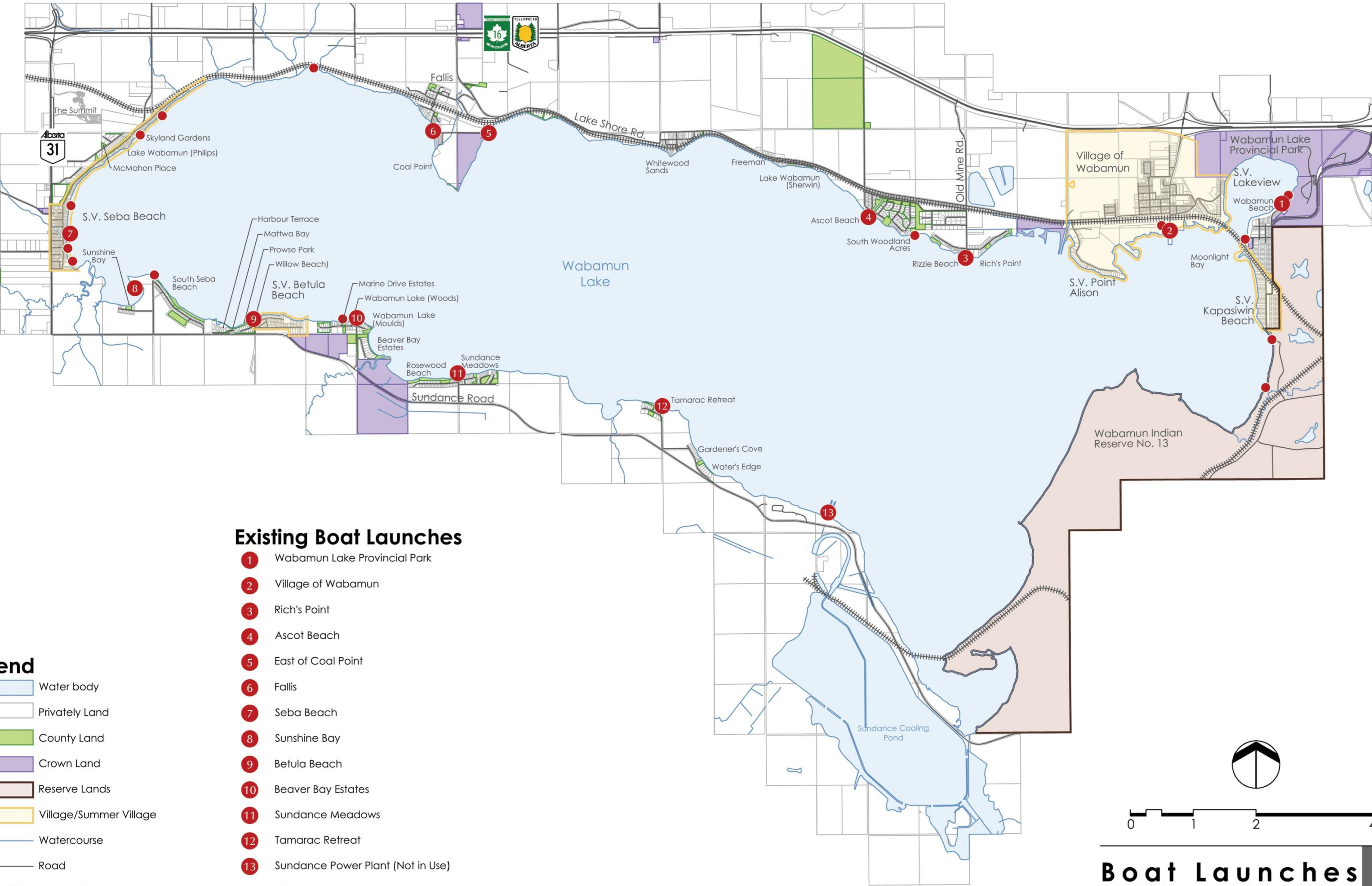
Study Context



Study Context: Land Ownership



Study Context: Current Boat Launches



Community Consultation

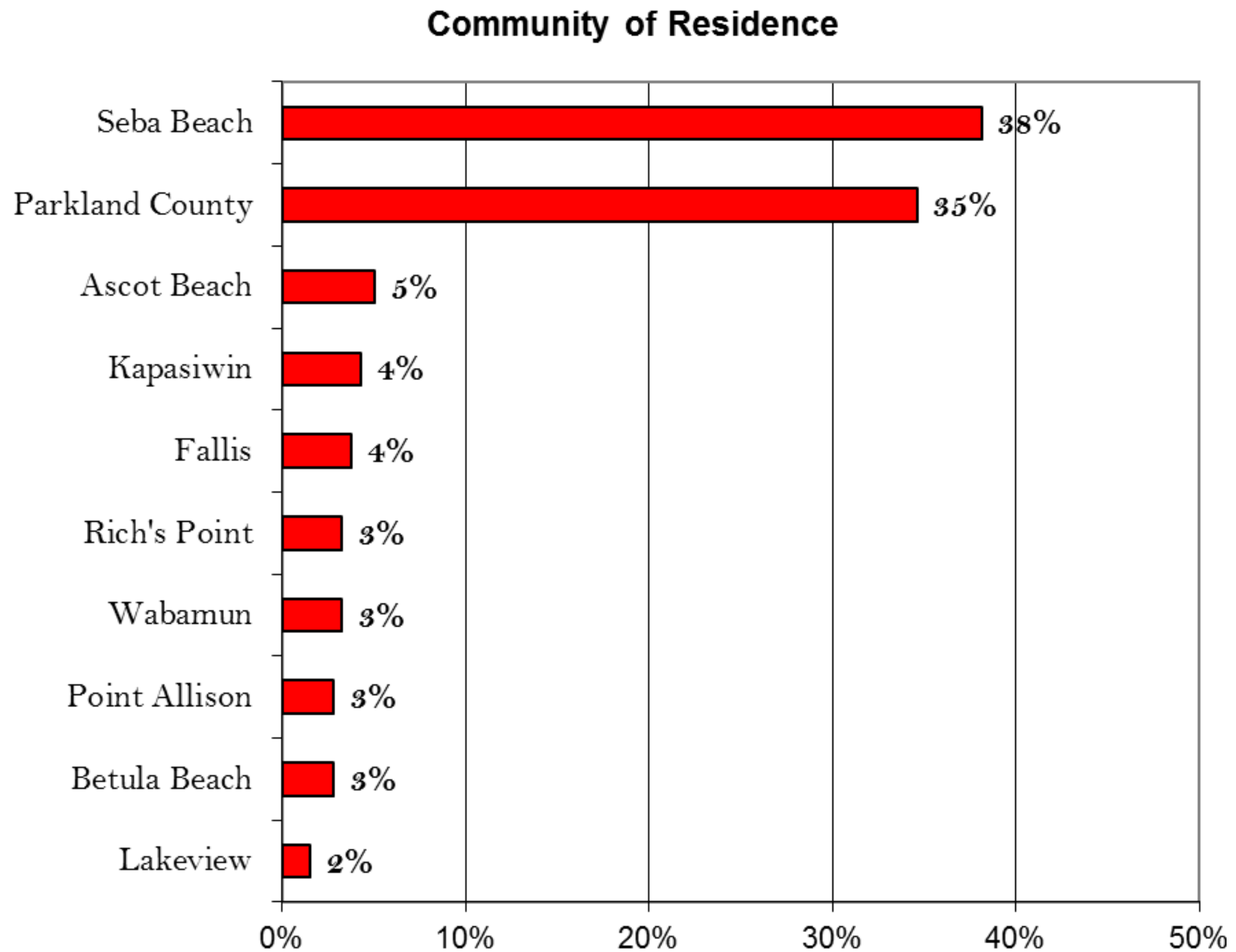


Community Consultation

- ▶ Resident Survey
 - ▶ Intercept Survey
 - ▶ Organization Survey
 - ▶ Demand Assessment
 - ▶ Comparative Research
- 

Community Consultation: Resident Survey

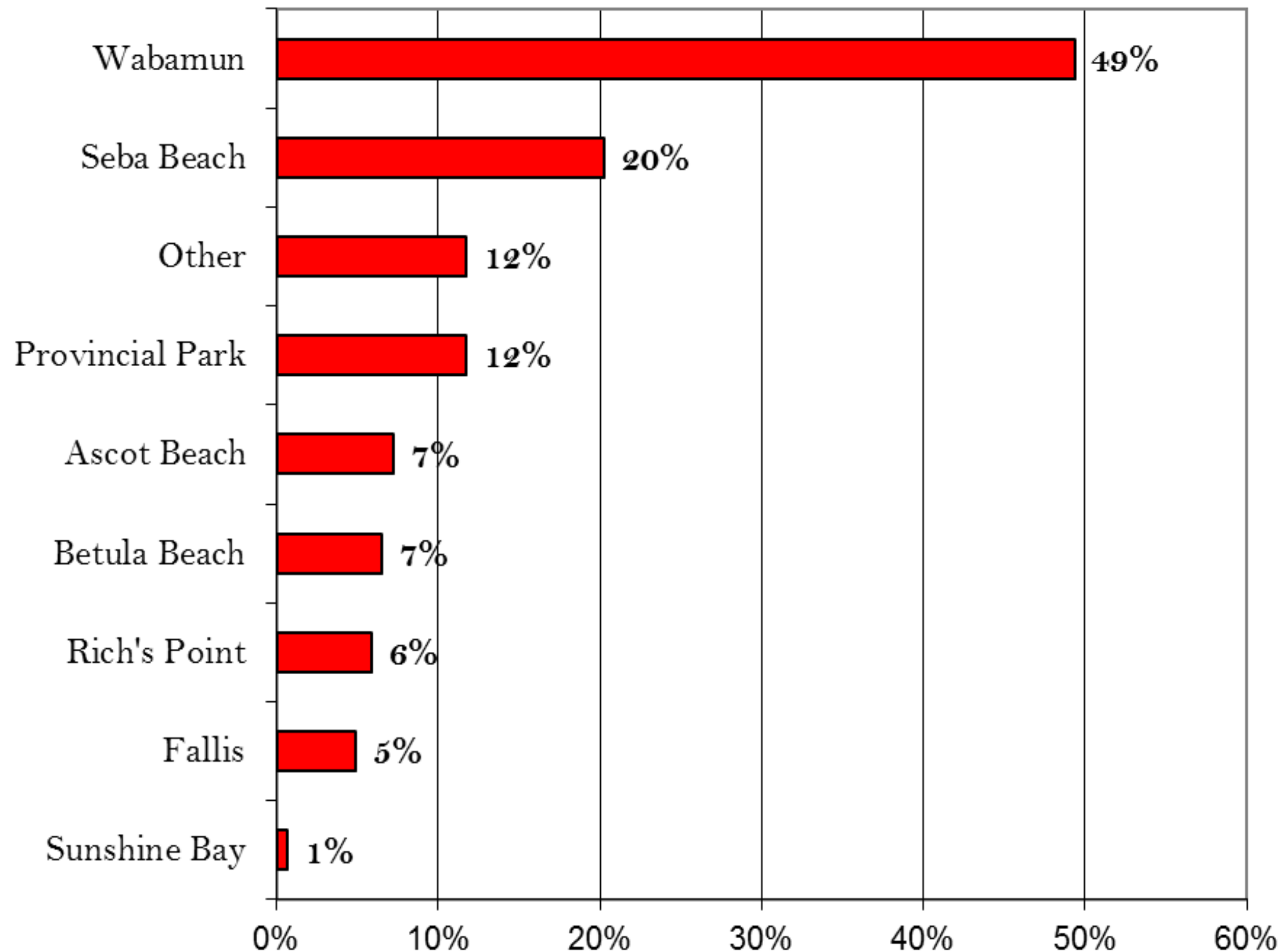
396
responses



Community Consultation: Resident Survey

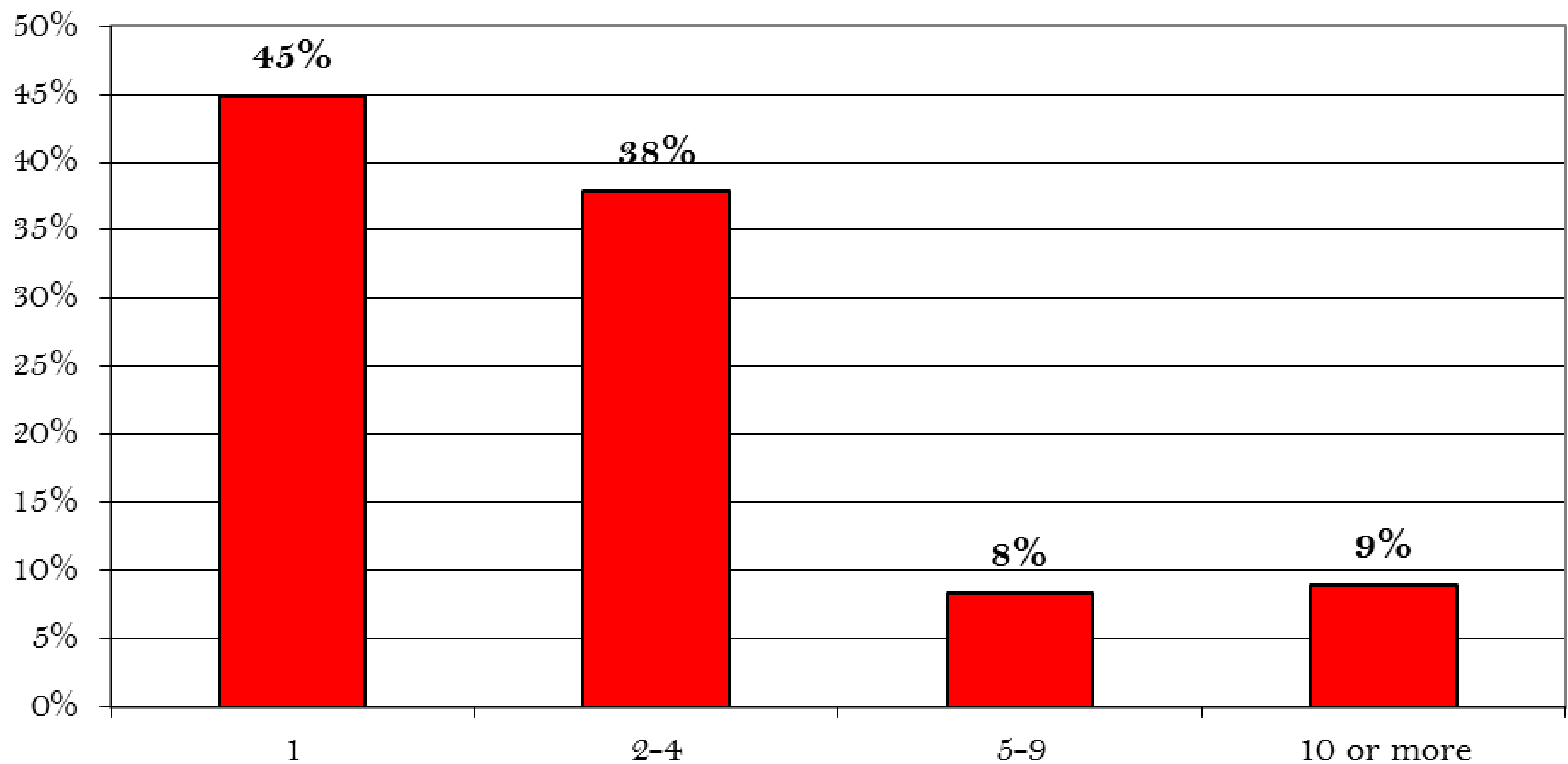
Launches Used This Season

78% of respondents launched a boat onto the Lake this year



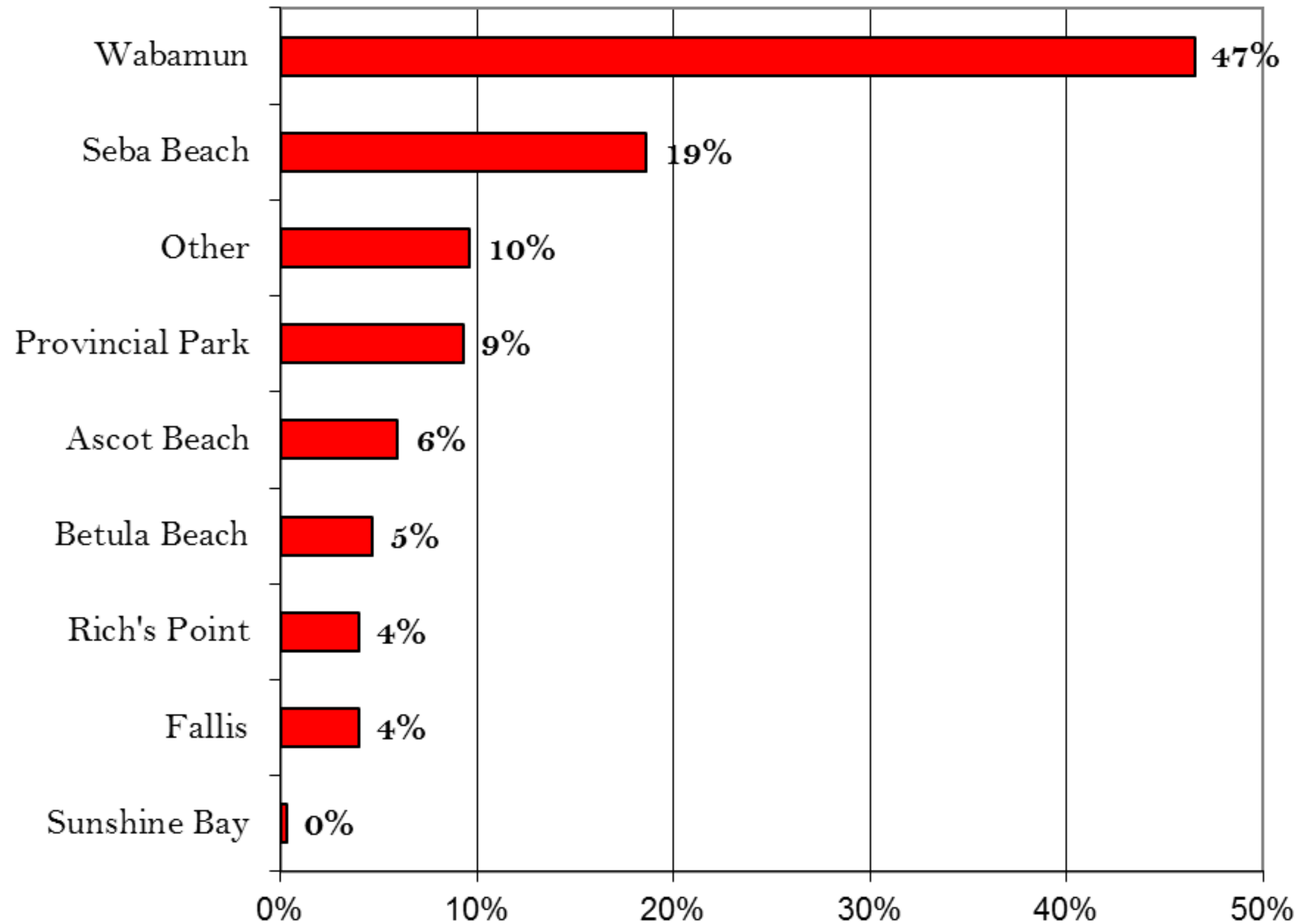
Community Consultation: Resident Survey

Number of Times Launching a Boat Onto the Lake This Season



Community Consultation: Resident Survey

Launch Used Predominantly



Community Consultation: Resident Survey

Good Aspects	Areas of Improvement
Village of Wabamun Launch	
Quality of the ramp Water depth Parking Available dock / pier Space to maneuver Support amenities nearby	Traffic control Move it to other side of lake Deal with congestion Improve the pier / dock Larger launch area Improved / more parking
Summer Village Seba Beach Launch	
Proximity to residence Nearby amenities Not very busy	Water depth Improved ramp More parking More amenities
Wabamun Lake Provincial Park Launch	
Proximity to residence Launch is paved Water depth	Difficult to get in the water Additional launches needed

Community Consultation: Intercept Survey

- ▶ Friday August 10th and Saturday August 18th
- ▶ Provincial Park (43)
 - Origin: Edmonton; Spruce Grove; camping in the park; Sherwood Park; Stony Plain
 - Why this launch?
 - Distance from home
 - Camping
 - Support amenities
 - Quality of launch
 - Water depth
 - Absence of fees

Community Consultation: Intercept Survey

- ▶ Village of Wabamun (34)
 - Origin: Edmonton; Stony Plain; St. Albert; Spruce Grove
 - Why this launch?
 - Quality of launch
 - Distance from home
 - Water depth
 - Ease of use
 - Support amenities

Community Consultation: Organization Survey

- ▶ Moon Light Bay (Bissell Centre); Ernest Poole Scout Camp; Sunshine Bay Yacht Club; Edmonton Yacht Club; Wabamun Sailing Club; YWCA YoWoChas; Stony Plain Fish & Game Association; Camp Oselia Children's Camp
 - 3 launched at the Village; 1 Provincial Park; 1 Seba Beach
 - Village – water depth; adjacency to boat storage; facilitates crane
 - Yacht clubs & sailing club felt new or improved launch is needed – water depth is important

Community Consultation: Demand Assessment

- ▶ 2008 Alberta Recreation Survey
 - 22% of households took part in motor boating in previous 12 months
 - ~ 74,000 households
 - Pleasure Craft Operator Cards
 - 1999–2011 – Alberta has 242,000 in total; 138,000 licensed vessels
 - Martin Motor Sports
 - Market for boats mirrors economy
 - Primary lakes for Edm boaters: Lake Wabamun; Pigeon Lake; Lac Ste. Anne

Community Consultation: Comparative Review

Launch	Wizard Lake Campground	Yellowhead County	Cold Lake	Wabamun Lake Provincial Park	Village of Wabamun
Ownership	County (closed road allowance)	County	Provincial Government	Provincial Government	Village
Management	County park staff	Campground caretakers manage & County repairs	Town	Provincial park staff	Village
Fees	Parking = \$20 for boat and trailer ; \$6 for car	No Fee	<ul style="list-style-type: none"> Launching = \$8 per use or \$100 per year 	No Fee	Parking = \$15 for boat + trailer or \$300 per season
Services	<ul style="list-style-type: none"> 30 boat parking spots and 20 for cars 	<ul style="list-style-type: none"> Most launches in campground Waste receptacles Fish cleaning stands, Parking for both vehicles and trailers Washrooms 	<ul style="list-style-type: none"> Fuel station Sewer pump-out Fish cleaning Restaurant/concession Office Washrooms 230 docks / marina 	<ul style="list-style-type: none"> Structured parking with pull through stalls for approx 140 vehicles and trailers. Adjacent day use area and beach with comfort station 	<ul style="list-style-type: none"> Structured parking with 14 pull through stalls Random parking for approx. 50 cars and trailers Washrooms, day use area and beach
Issues	<ul style="list-style-type: none"> Closing launches angers farmers as they lose their ability to get water from lake 		<ul style="list-style-type: none"> Yearly docking spots in high demand and are rotated Length of boats have increased 	<ul style="list-style-type: none"> Demand and usage increasing Parking problems People camping want to leave boats in water 	<ul style="list-style-type: none"> Increasing use Public pier needs replacing
Suggestions	<ul style="list-style-type: none"> County has a plan for parking and road management. County staff help manage parking 		<ul style="list-style-type: none"> Open layout Multiple launches Good and clear rules for launch 	Upgrade hand launch and reconfigure ramp access and parking	Upgrade launch and replace pier

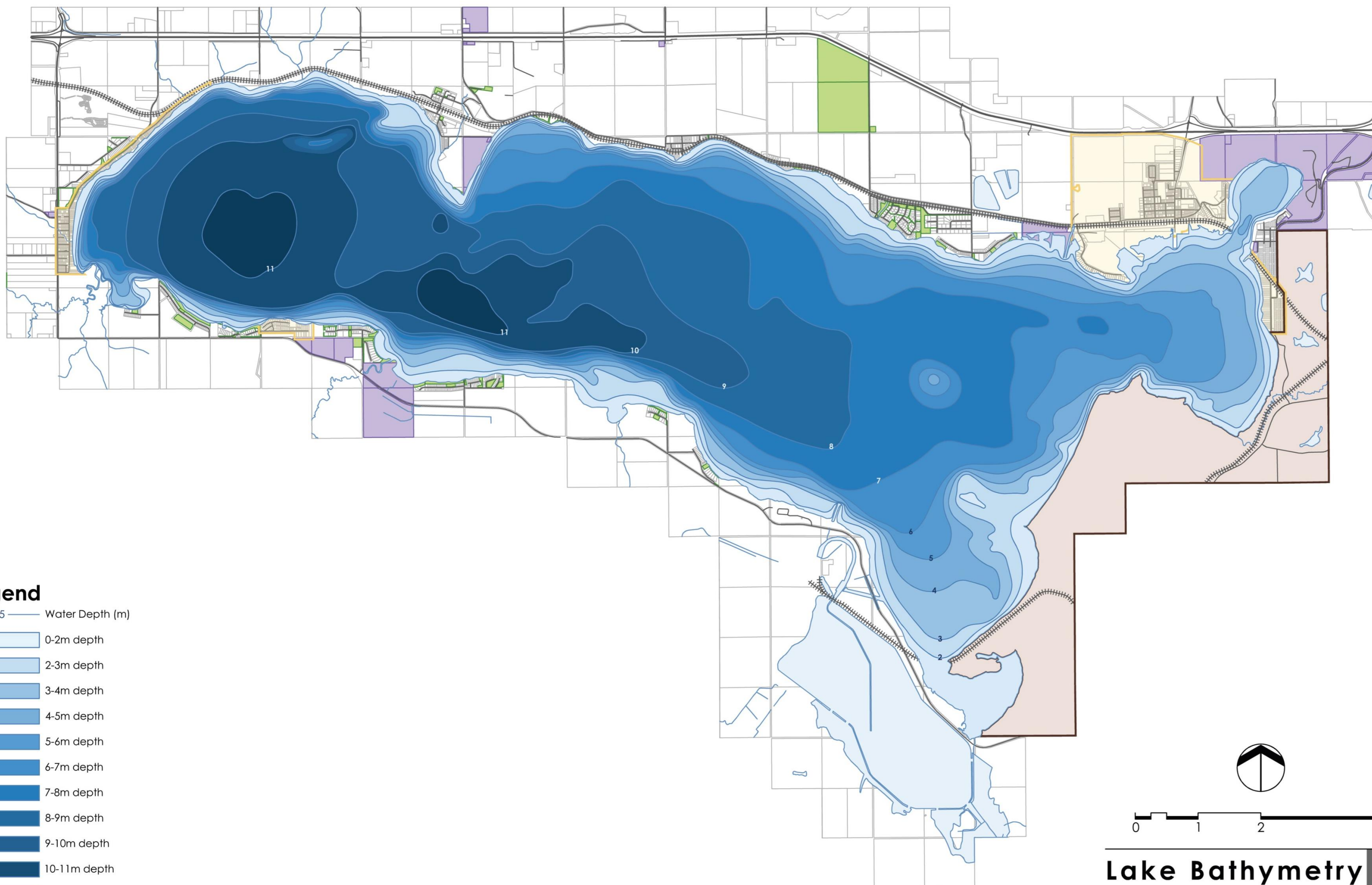
Community Consultation: **Summary**

- ▶ Two main user groups identified; lakeside residents and day-users
- ▶ Lakeside residents prefer launch locations at Wabamun and Seba Beach.
- ▶ The majority of the use at the Seba Beach comes from residents of Seba Beach.
- ▶ 84% of Seba Beach residents launched a boat onto Lake Wabamun this year; 43% launched once.
- ▶ The intercept survey indicated that the majority of day-use, launch users at Wabamun and the Prov. Park are from communities east of Lake Wabamun.
- ▶ Desired amenities at launches include: adequate launch slope, suitable base, adequate parking, docking facilities after launching, washrooms, and garbage bins.
- ▶ Based upon current traffic, the present amenities, and the ability to expand, the recommended location for enhanced launching is at the Village of Wabamun.

Existing Conditions & Research



Existing Conditions & Research: Bathymetry



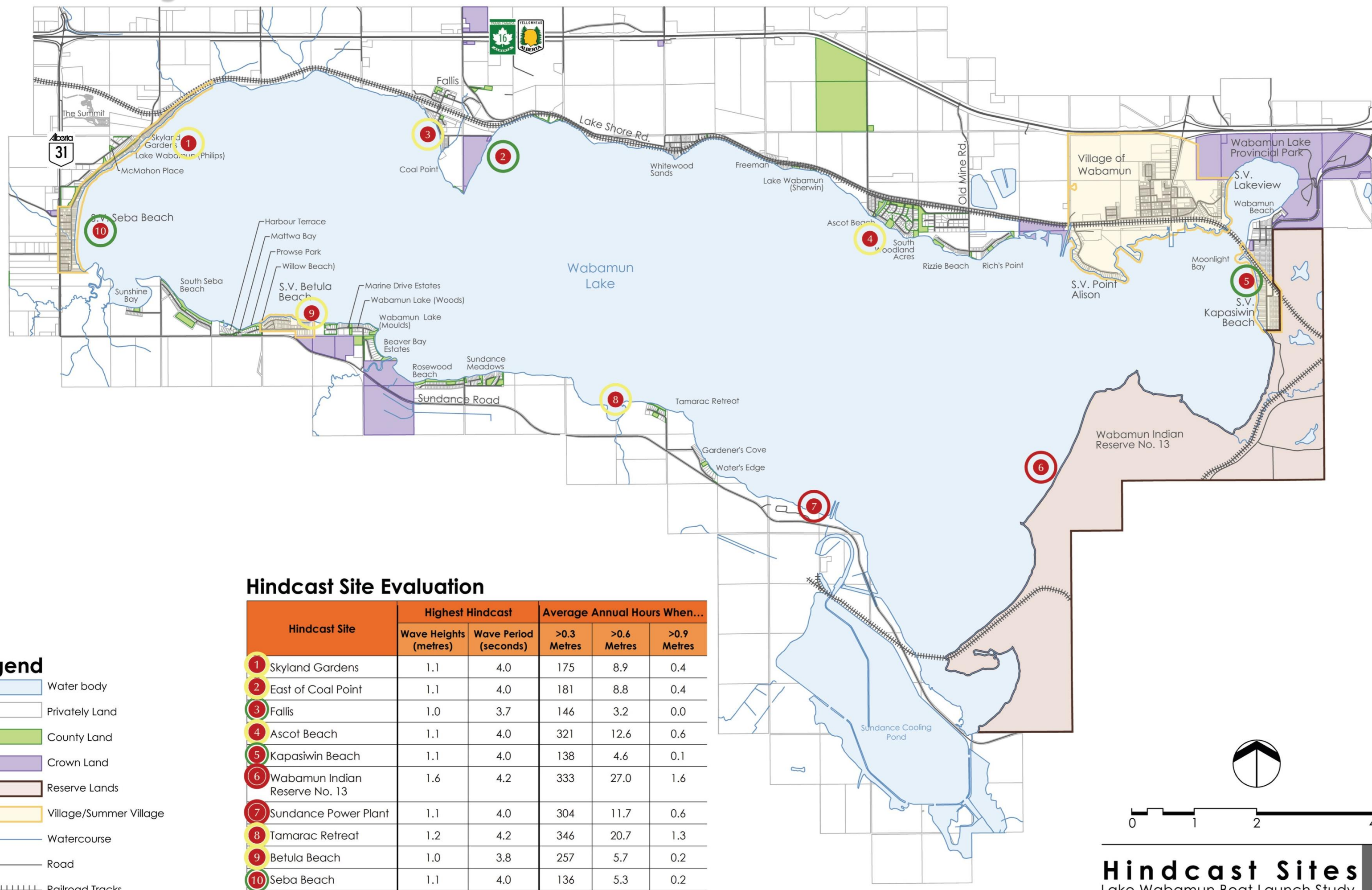
Legend

5 Water Depth (m)

0-2m depth
2-3m depth
3-4m depth
4-5m depth
5-6m depth
6-7m depth
7-8m depth
8-9m depth
9-10m depth
10-11m depth
11-12m depth

Source: *Atlas of Alberta Lakes* <http://alberta-lakes.sunsite.ualberta.ca/>

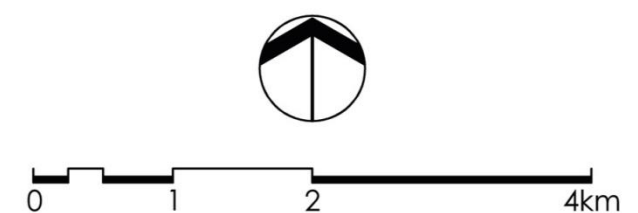
Existing Conditions & Research: Hindcast Sites



- Legend**
- Water body
 - Privately Land
 - County Land
 - Crown Land
 - Reserve Lands
 - Village/Summer Village
 - Watercourse
 - Road
 - Railroad Tracks

Existing Conditions & Research:

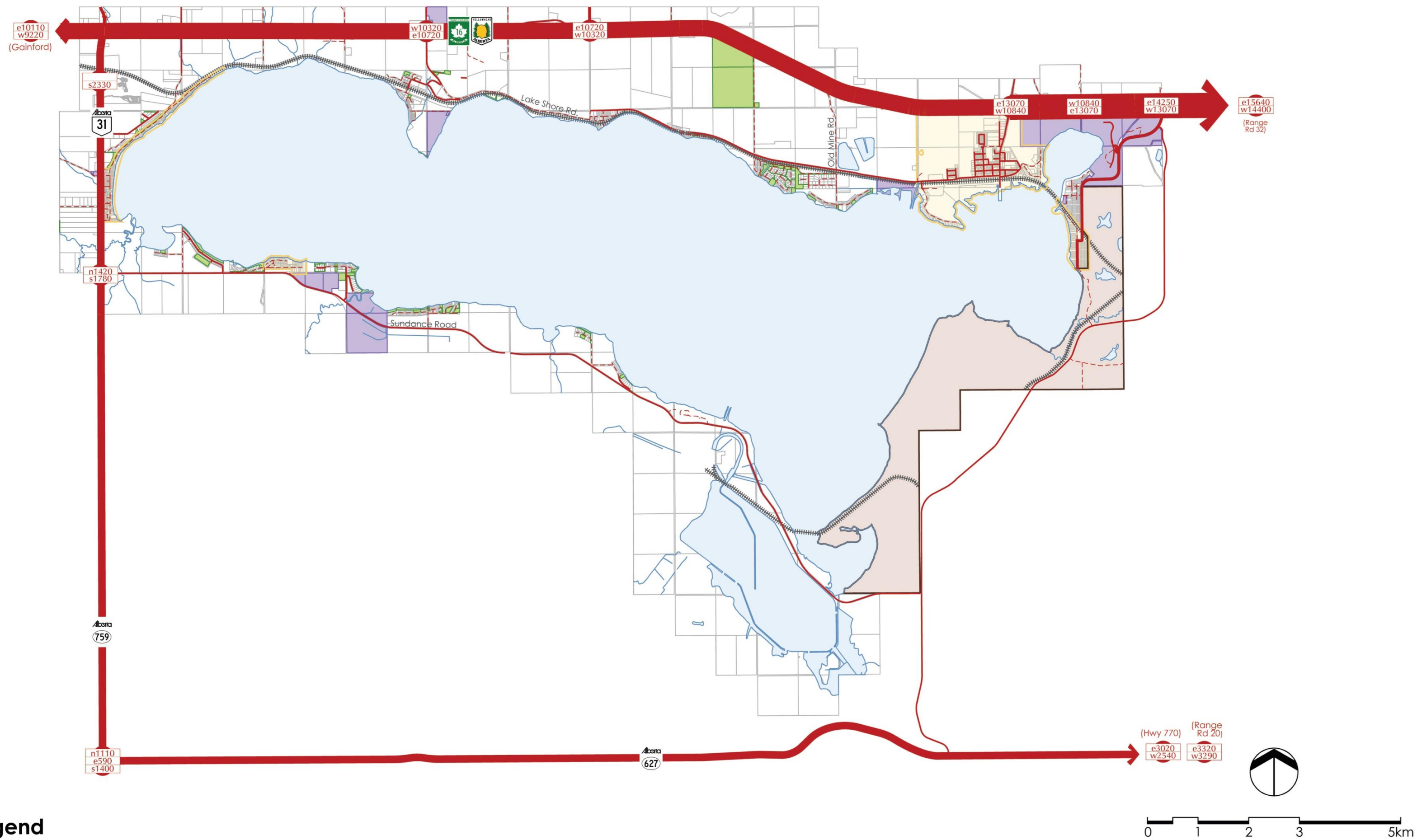
Environmental Considerations



Environmental Considerations
Lake Wabamun Boat Launch Study

13
MAP

Existing Conditions & Research: Traffic Counts



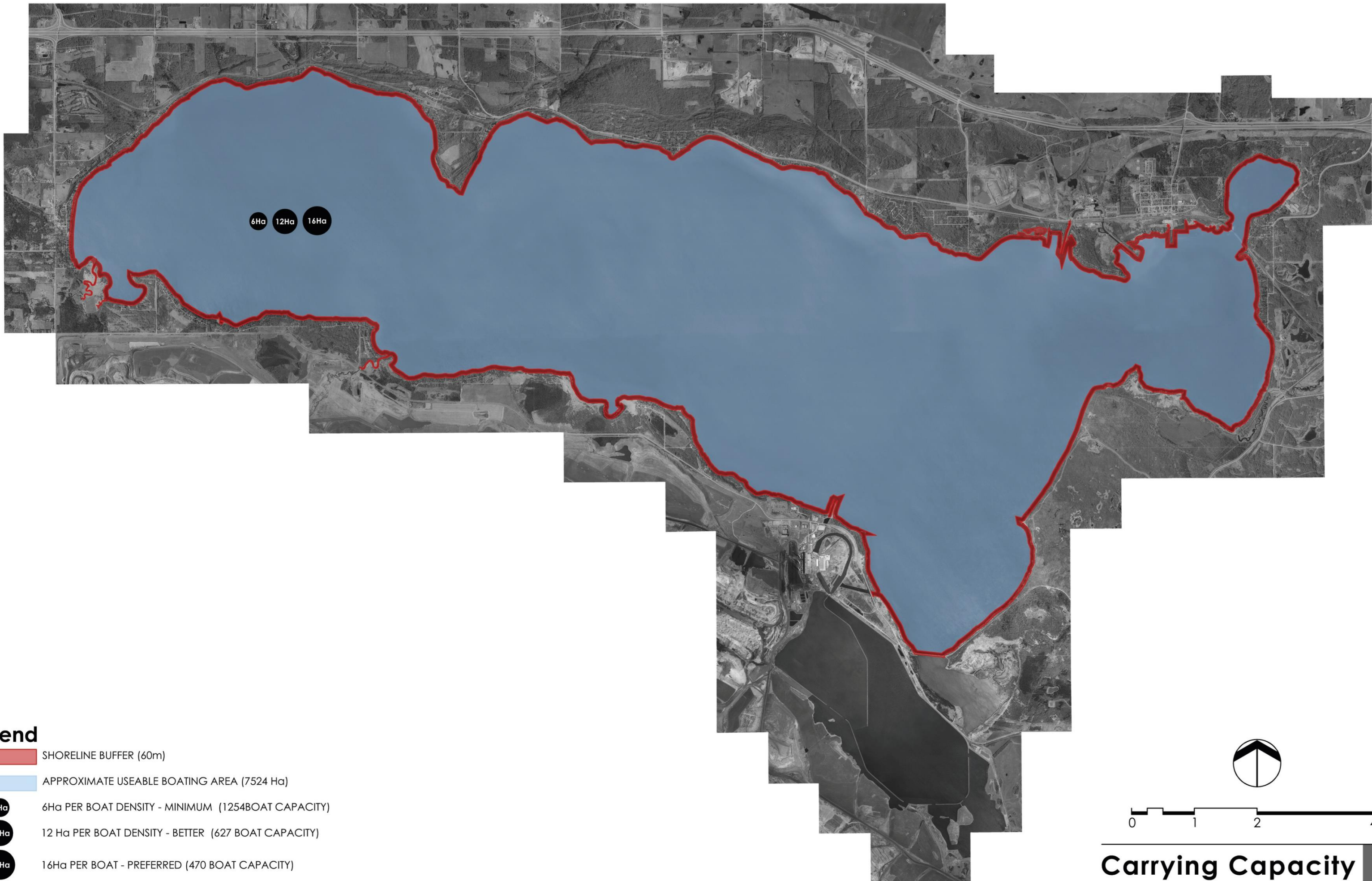
Legend

Average Summer Daily Traffic By Direction (Where Available)

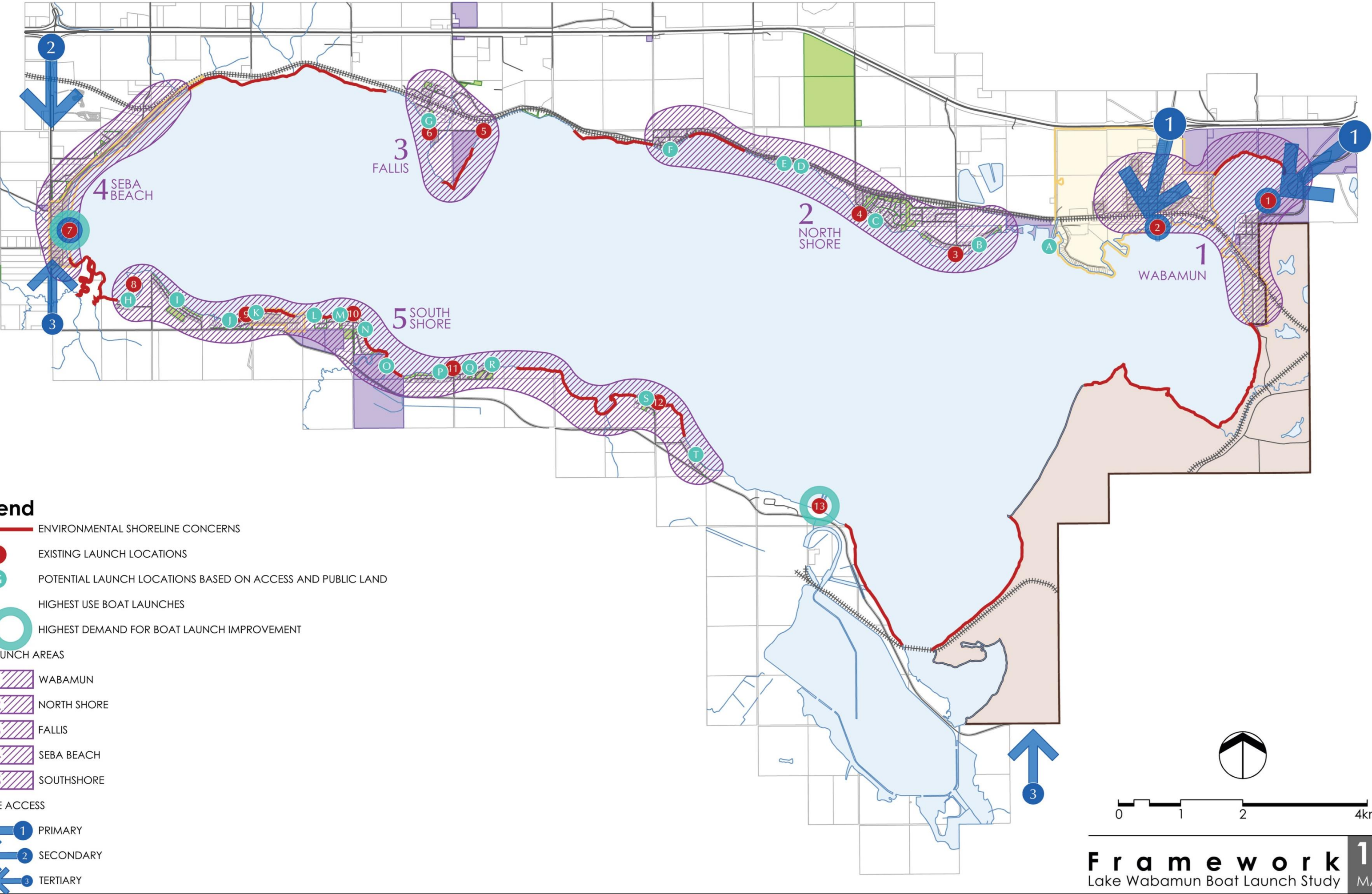
Paved Road

Gravel Road

Existing Conditions & Research: Carrying Capacity



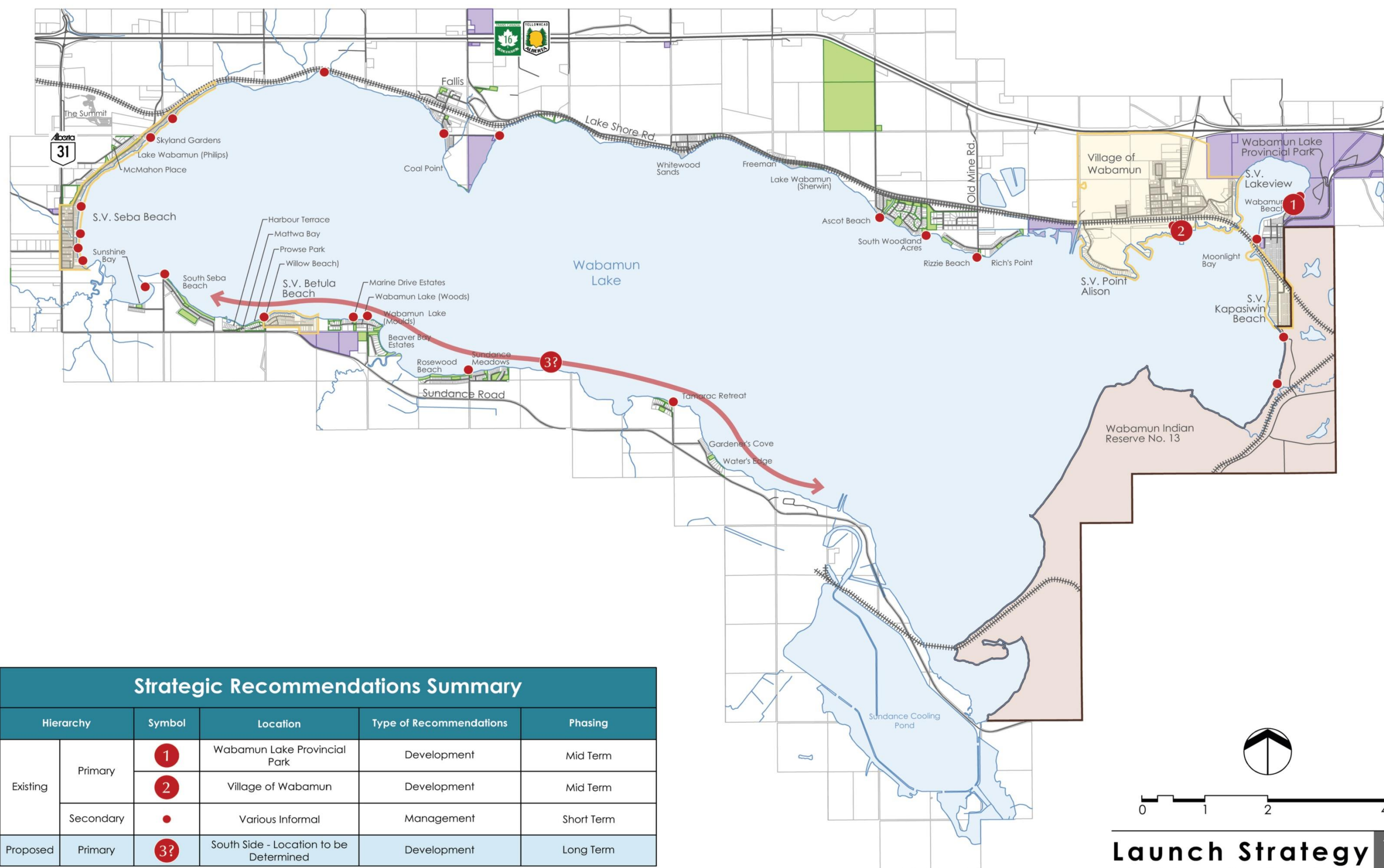
Existing Conditions & Research : Framework Plan



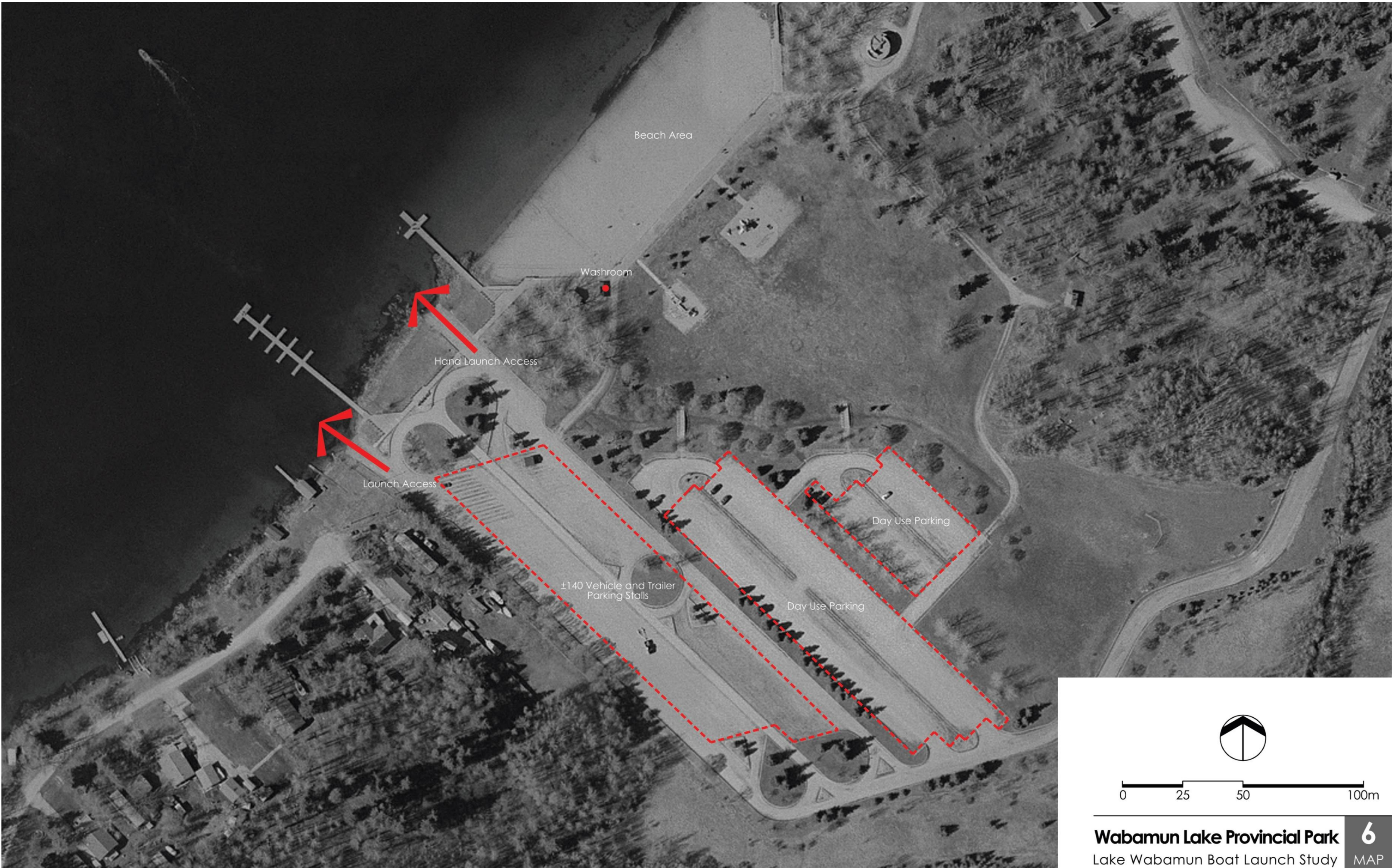
Recommendations



Recommendations: Launch Opportunities



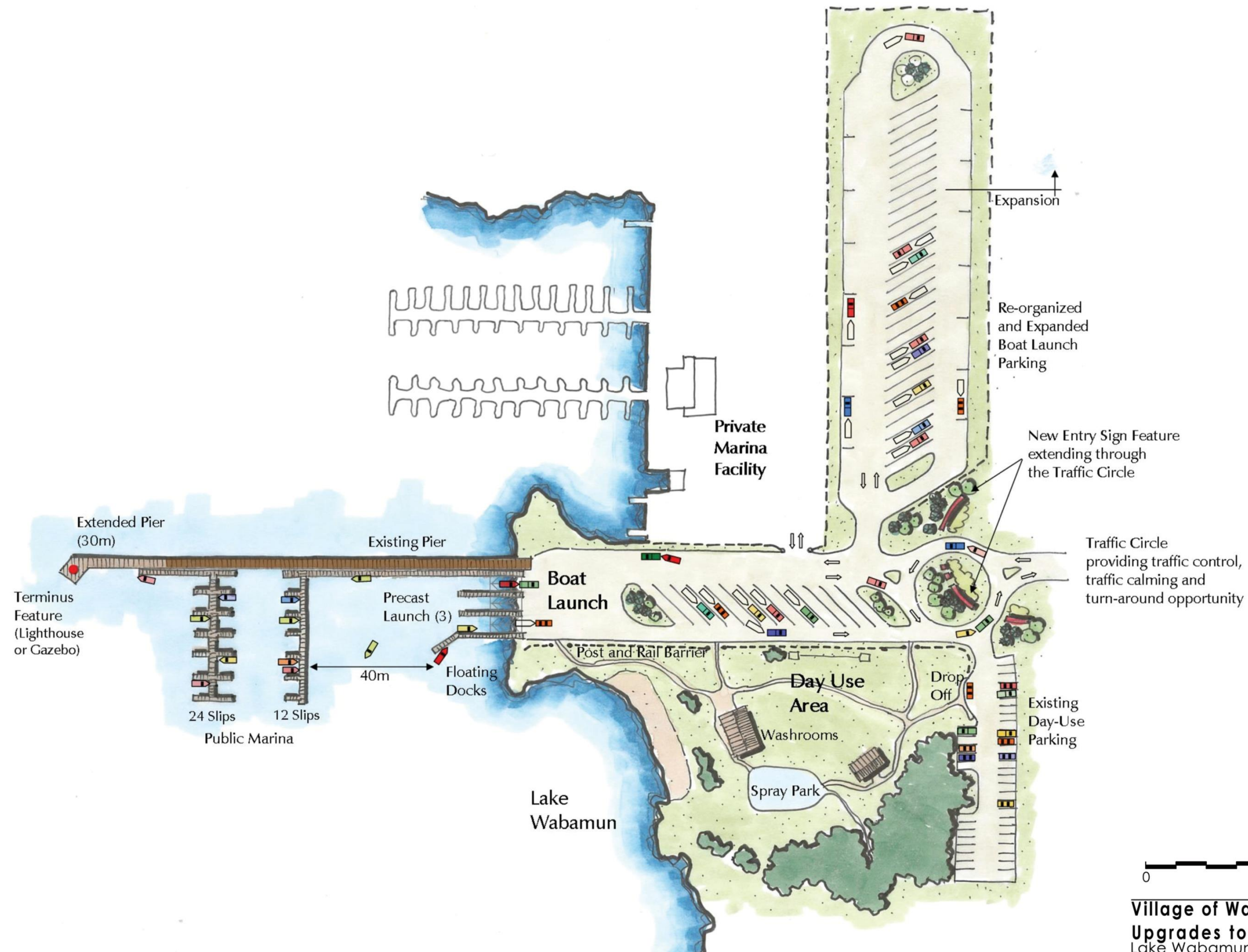
Study Context: **Provincial Park**



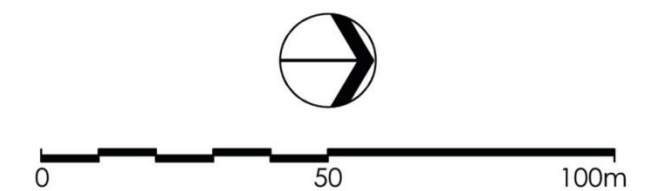
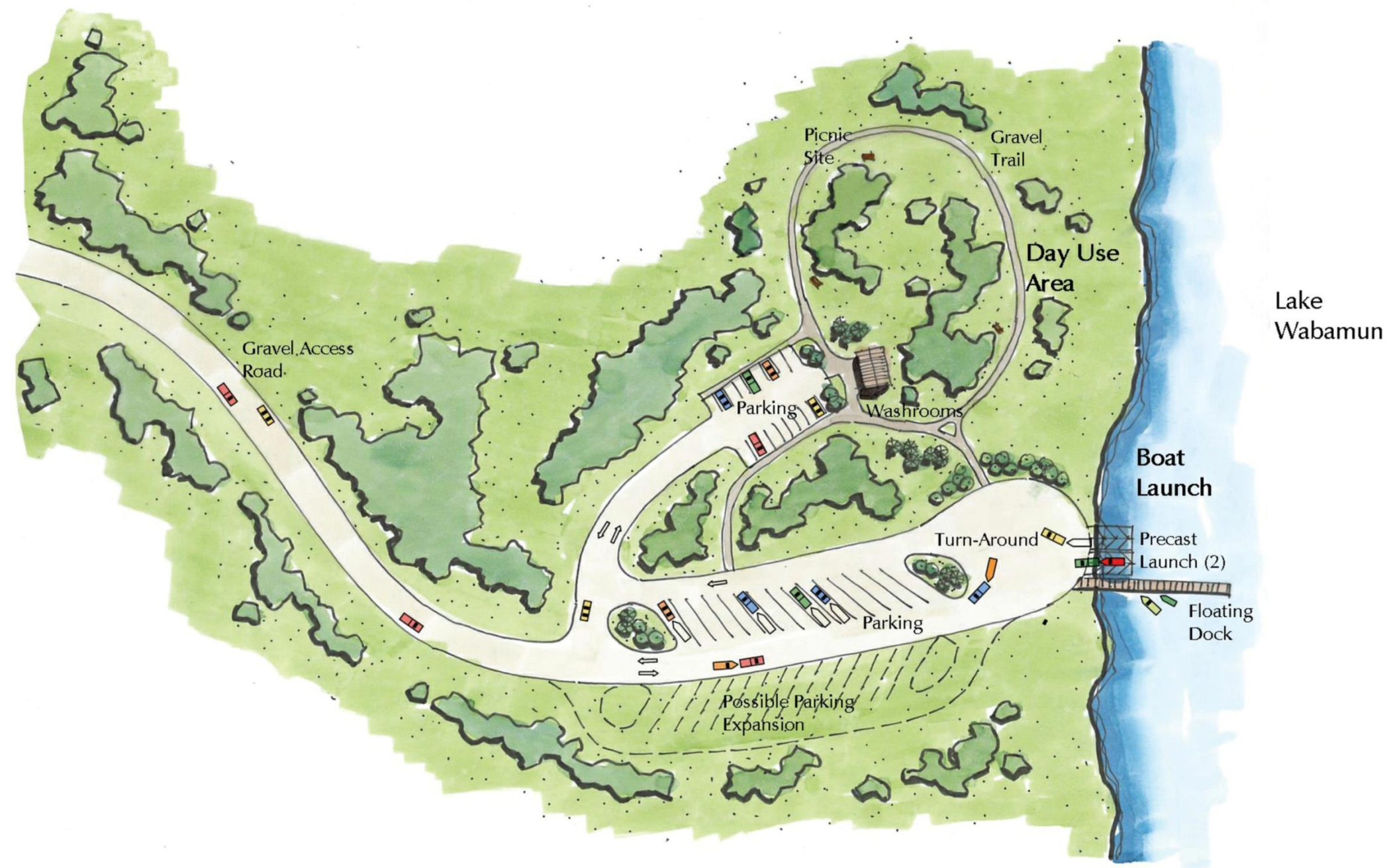
Study Context: **Village of Wabamun**



Recommendations: Village of Wabamun



Recommendations: South Shore Launch



Questions?

