



# Lake Chelan GRP

2023 Update

# What do booming strategies look like?



Containment of a discharge from an outfall



Exclusion boom across off-channel habitat

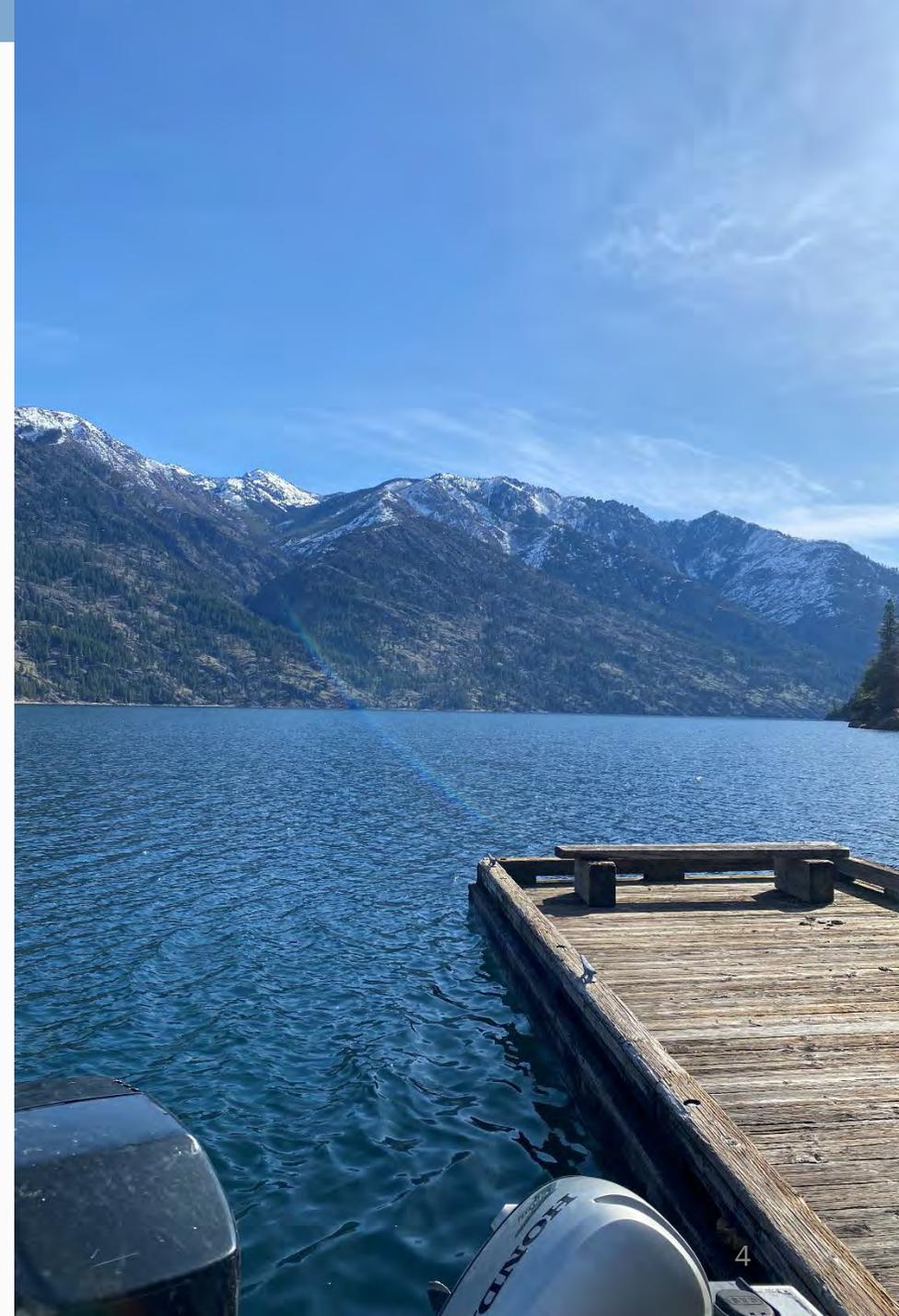
Deploying a deflection/collection boom in a fast water river

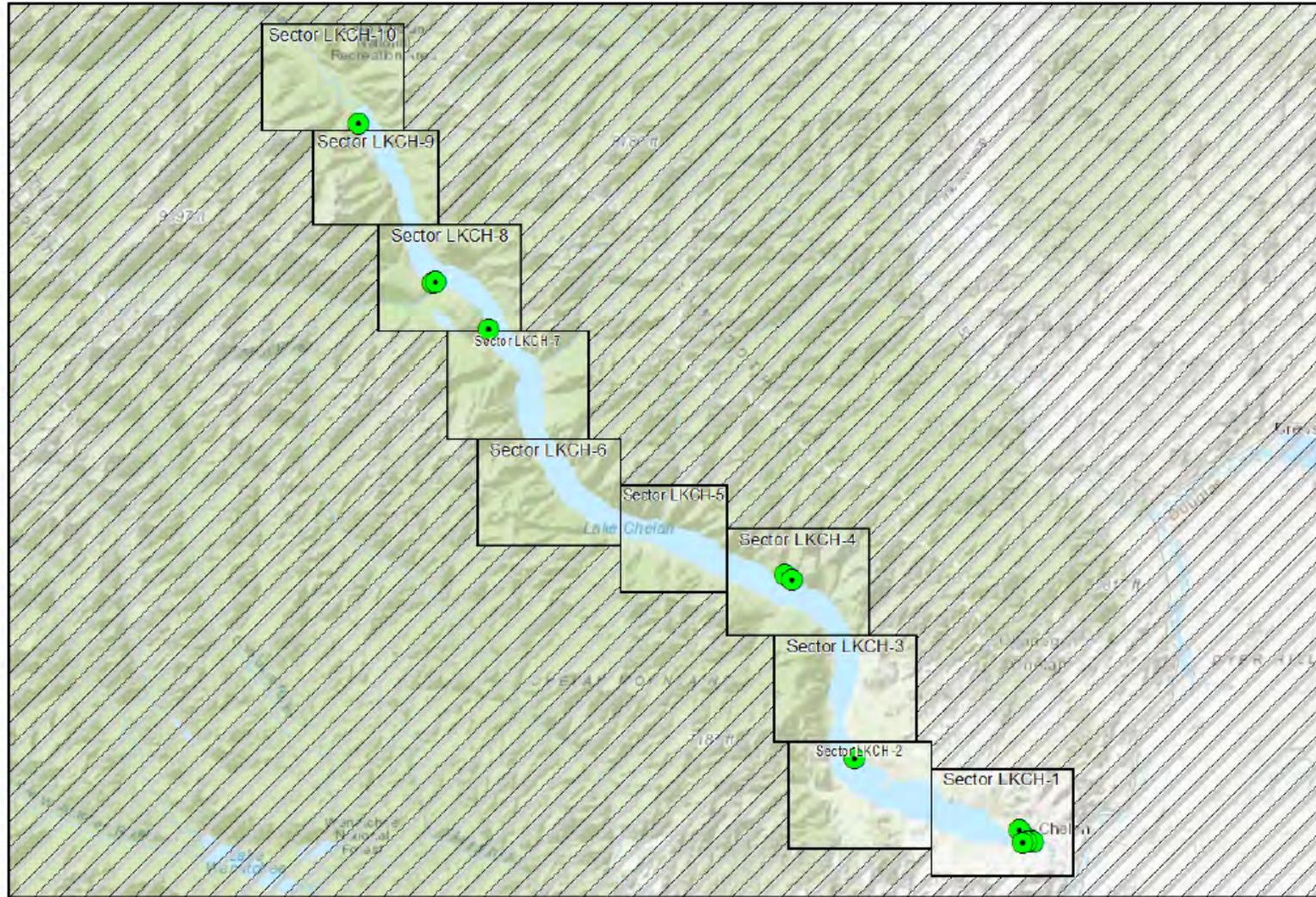


# Lake Chelan Stats

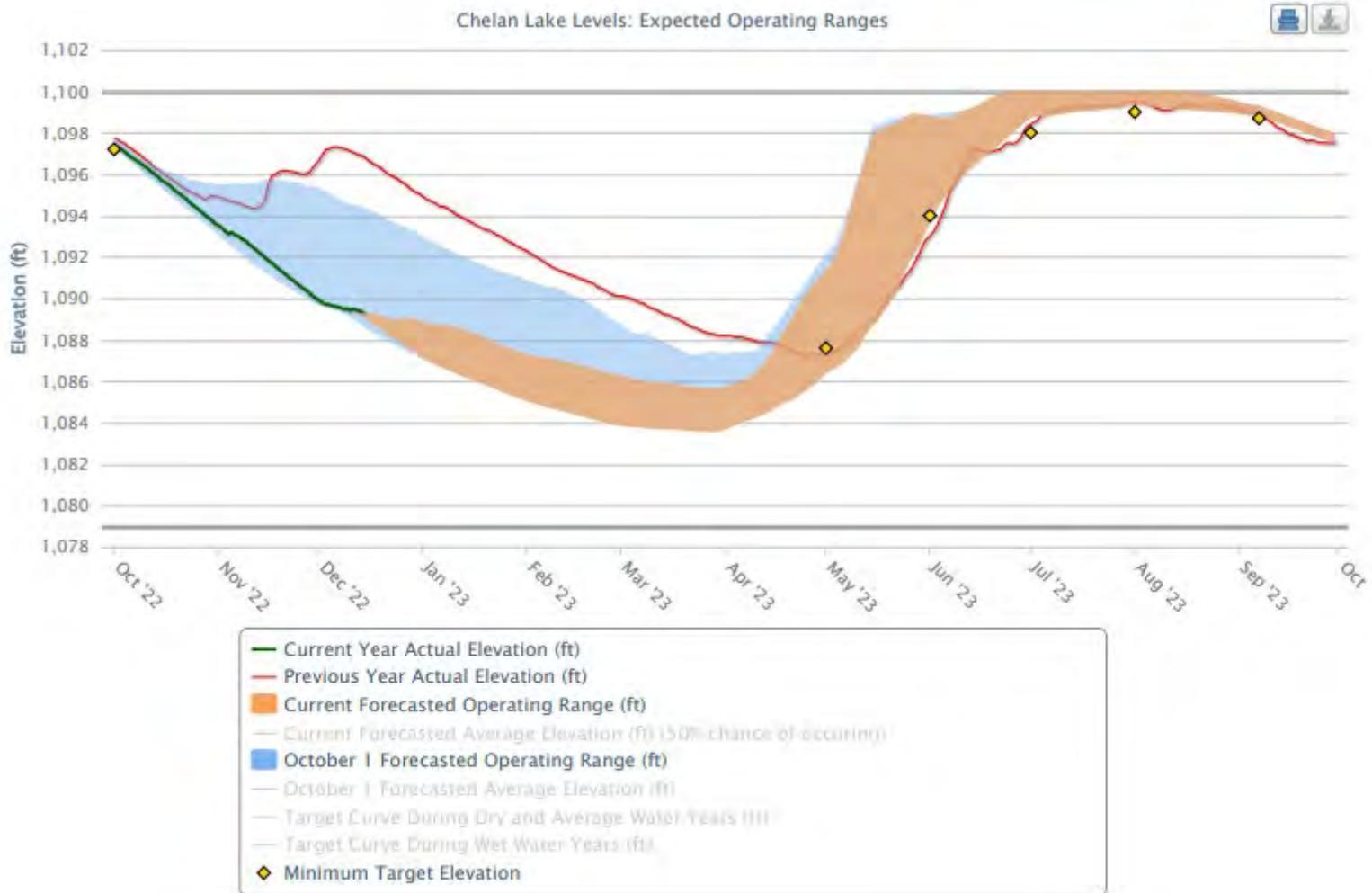
- Last update 2015
- Updated Response Strategies and Priorities (2-pagers)
- New Resources at Risk Section
- Starting Strategies: 13
  - Revisions: 6
  - Deleted: 1
  - Proposed: 1

# Area Familiarization

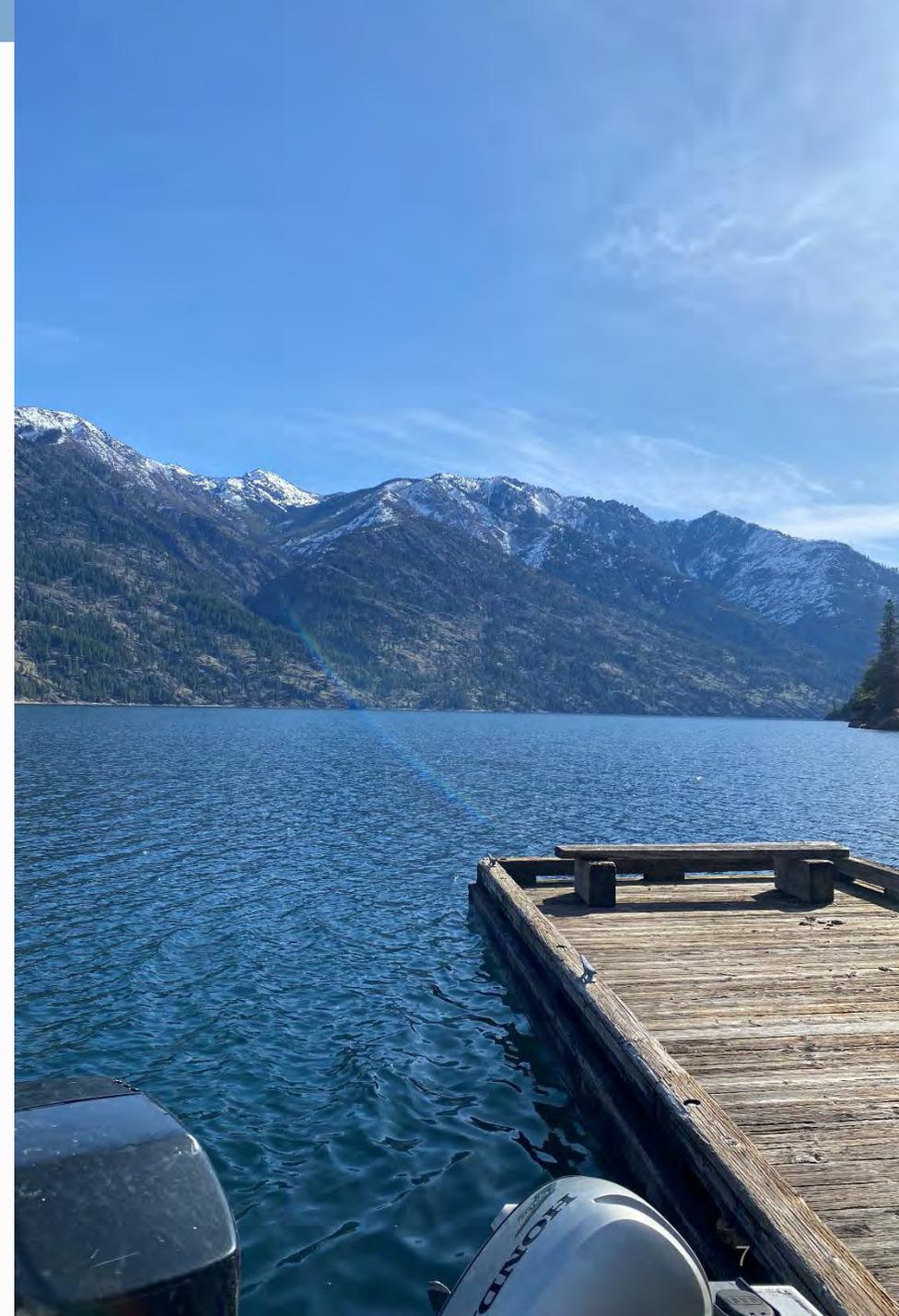




Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,

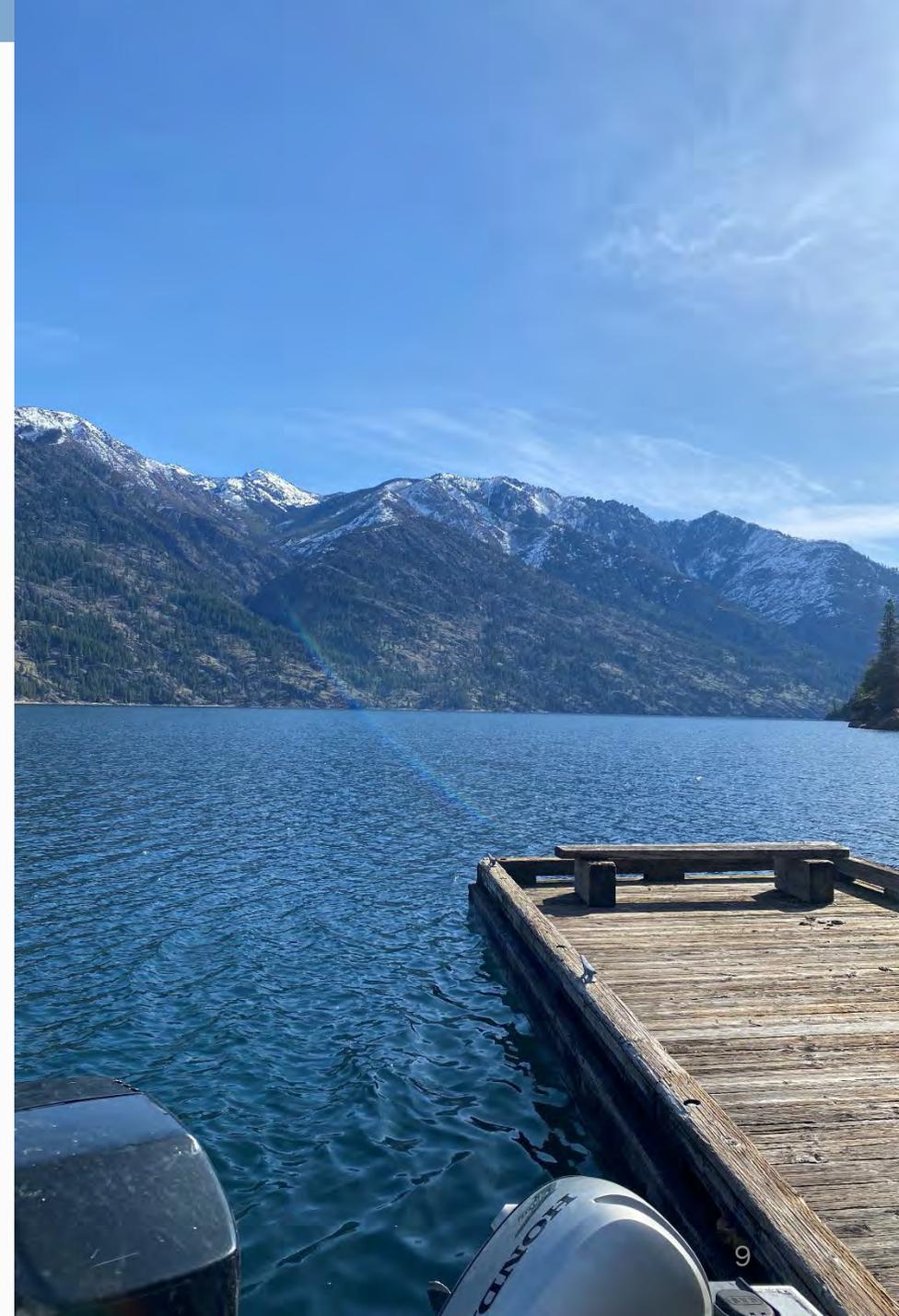


# Risks in LKCH GRP





# Strategies - Recommended Removal

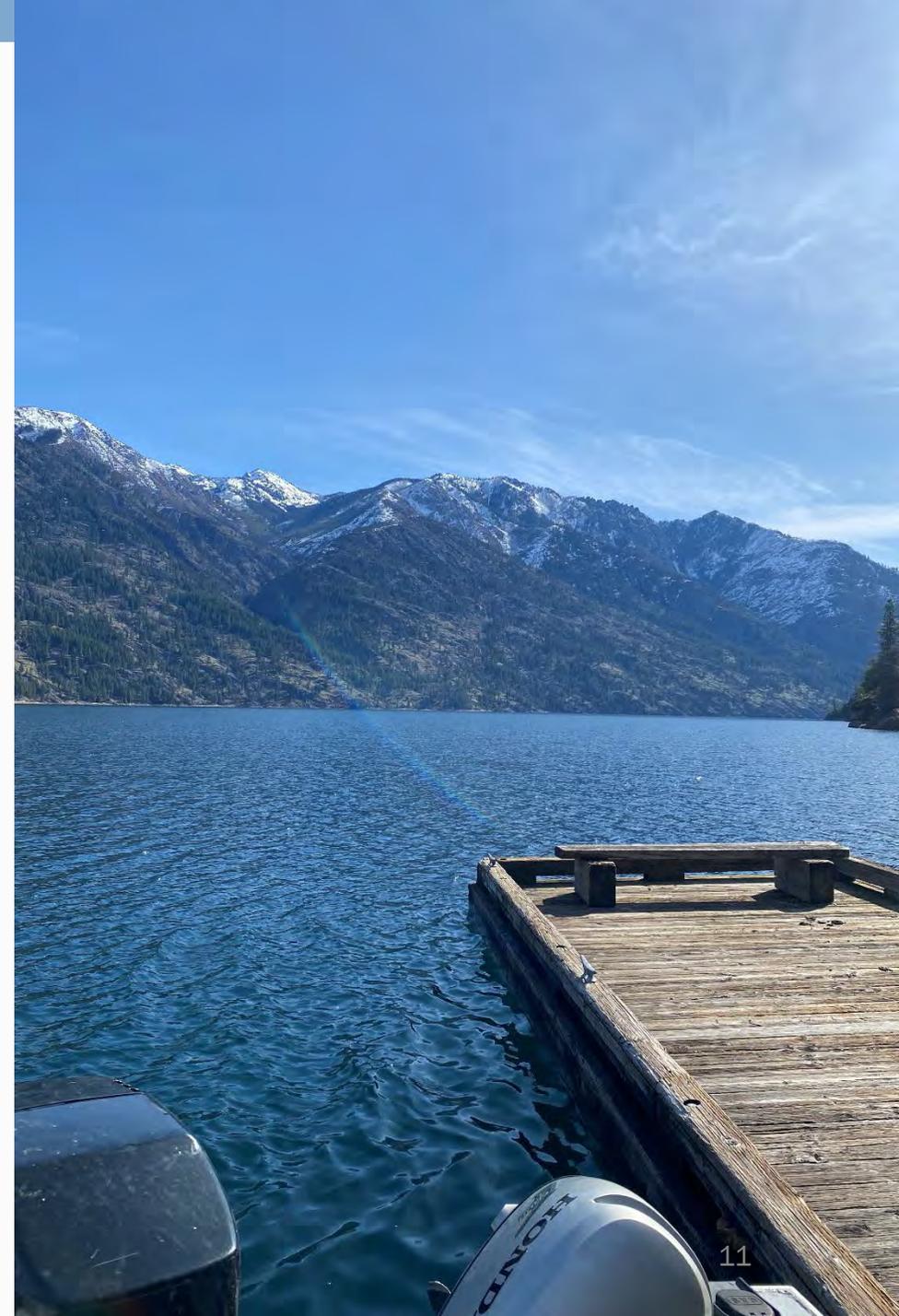


# LKCH 108.5 Lucerne Landing

- Containment, 500' boom
- Issues/Concerns: Redundant of strategy 108.5
- Recommendation: Removal
- Recommended by: Planners

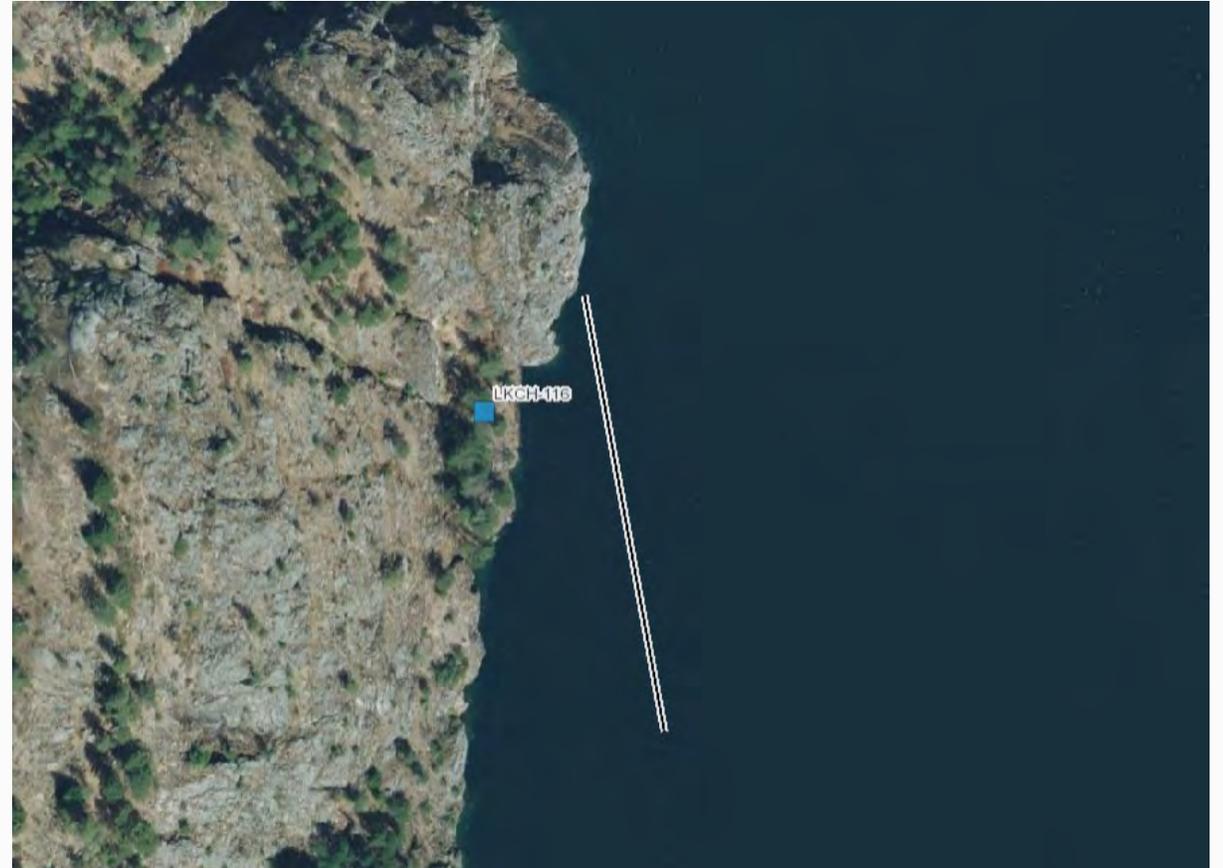


# Strategies - Proposed



# LKCH 116.0 Painted Rocks

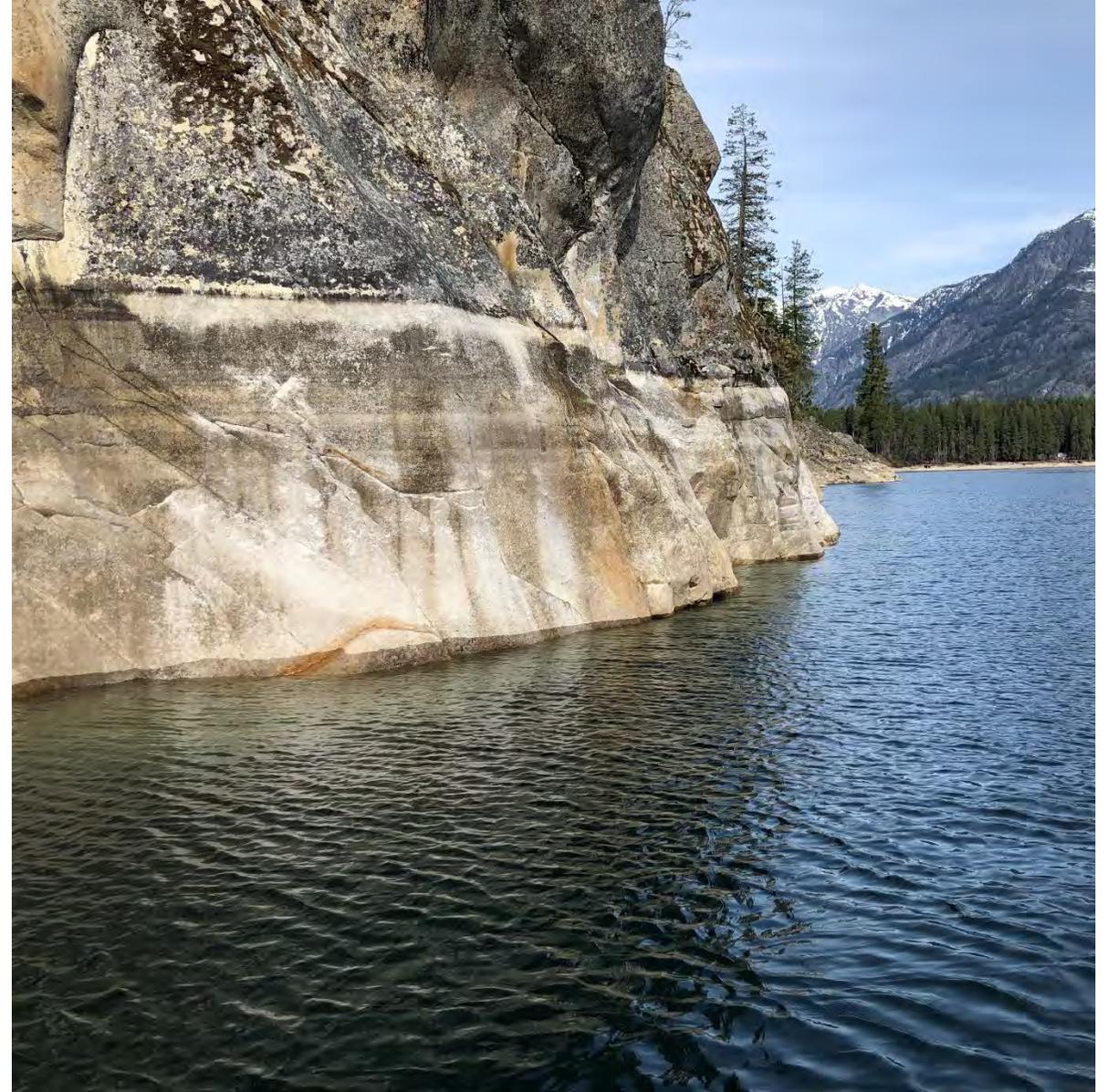
- Exclusion, 500' boom
- RAR: Cultural Resources
- Issues/Concerns: Delicate area, difficult to deploy boom
- Recommended by: NPS, Planners





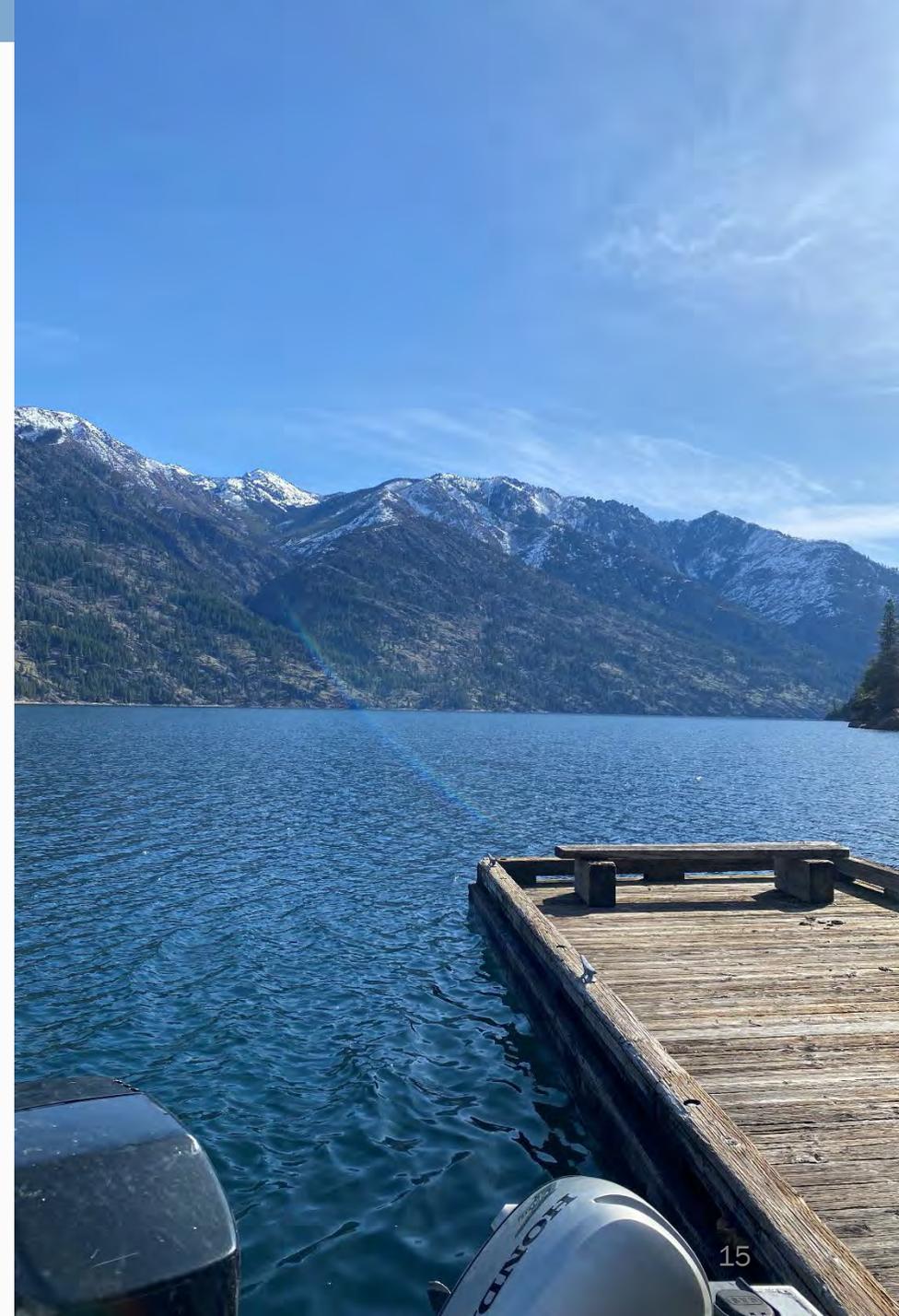


Looking South



Looking North

# Strategies – Recommended Changes



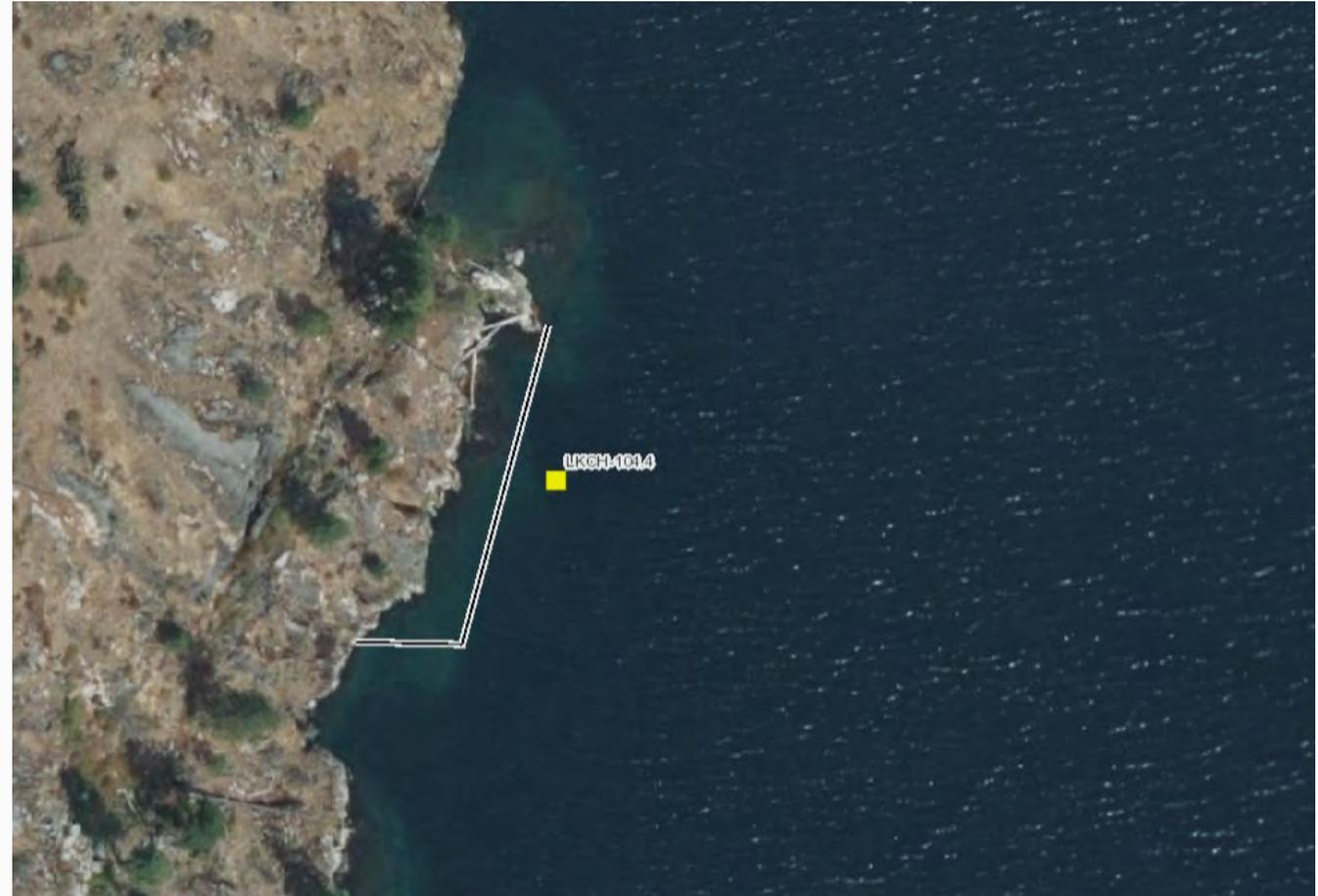


# All Strategies Assigned New BL/SA

- SA/BL LKCH-52.8 Old Mill Park
- Only boat launch available for use at all water levels
- Plenty of on-site parking
- Somewhat centrally located in Manson

# LKCH 104.4 Lake Chelan

- Exclusion 250' B3 boom
- Issues/Concerns: Update boom/length to reflect current practices.
- Recommendation: 300' B2
- Recommended by: Planners
- RAR: Sensitive cultural resource



# LKCH 61.0 Lake Chelan (Chelan)

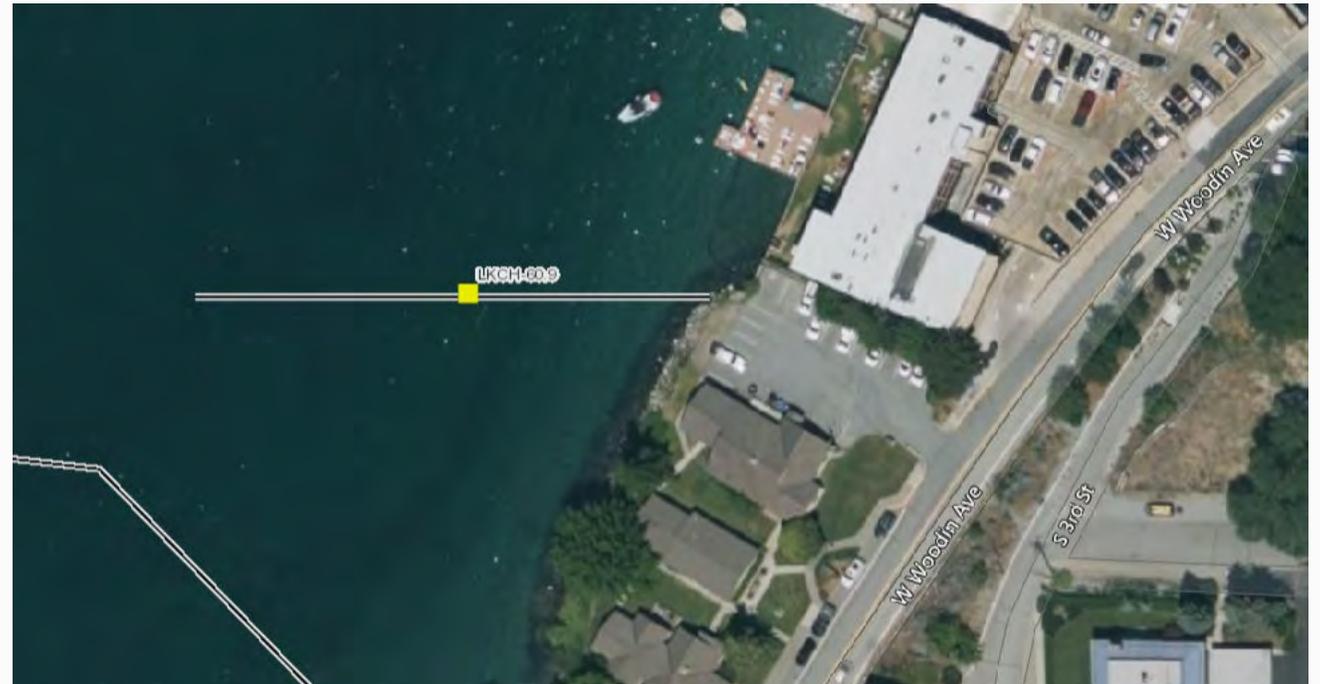
- Collection 500' B3 boom
- Issues/Concerns: Adjust boom angle to better facilitate collection
- Recommendation: 500' B2
- Recommended by: Planners
- RAR: Power generation





# LKCH 60.9 Lake Chelan (Chelan)

- Collection 300' B3 boom
- Issues/Concerns: No vac truck listed.
- Recommendation: Added vac truck
- Recommended by: Planners
- RAR: Power generation



# LKCH 58.9 Chelan/Spaders Bay

- Exclusion 1150' B3 boom
- Issues/Concerns: Update boom/length to reflect current practices
- Recommendation: 1200' B2
- Recommended by: Planners
- RAR: Sensitive cultural resource



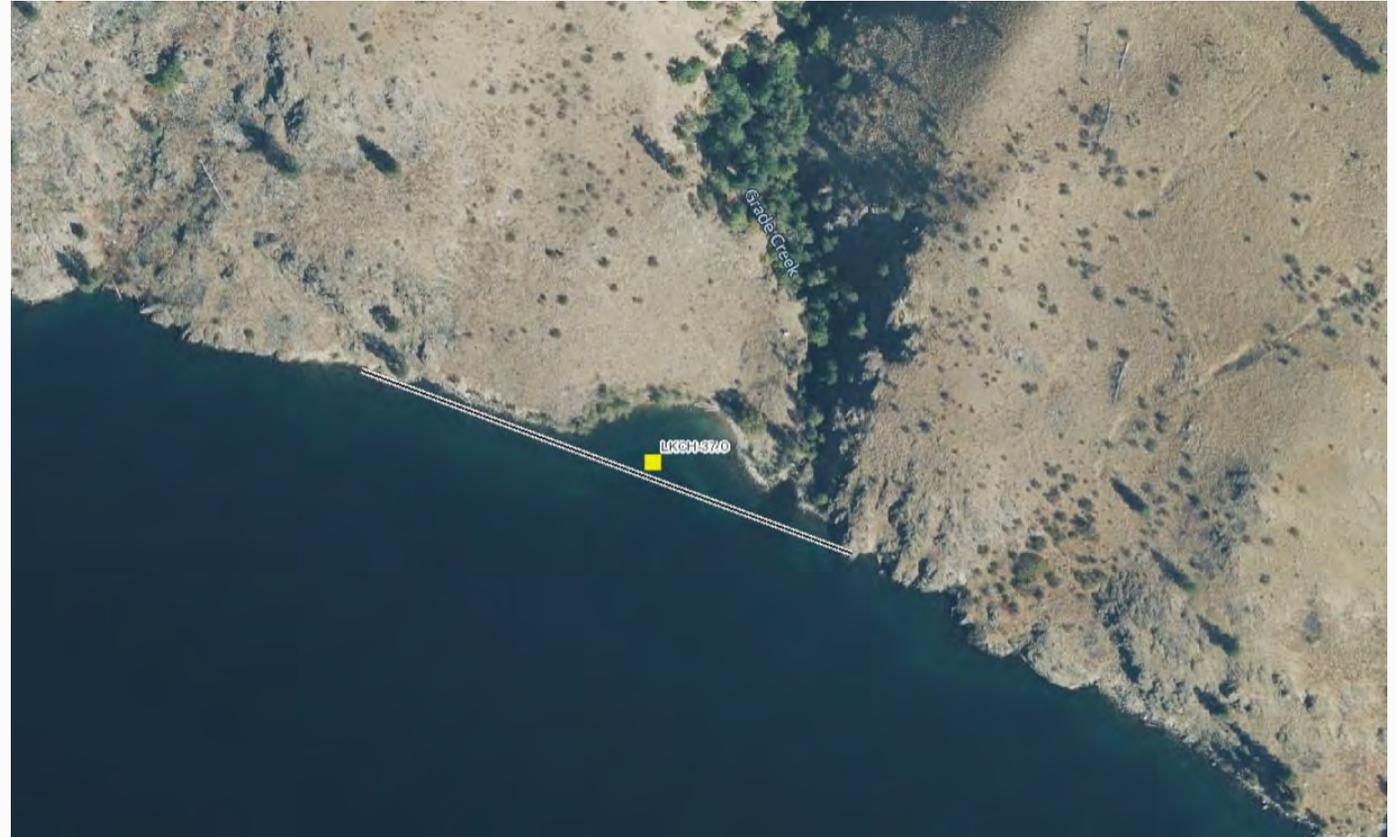
# LKCH 48.0 Willow Point Park

- Exclusion 1050' B3 boom
- Issues/Concerns: Update boom/length to reflect current practices
- Recommendation: 1000' B2
- Recommended by: Planners
- RAR: Sensitive cultural resource



# LKCH 37.0 Dutch Harbor

- Exclusion 650' B3 boom
- Issues/Concerns: Update boom/length to reflect current practices, moved anchor
- Recommendation: 700' B2
- Recommended by: Planners
- RAR: Sensitive cultural resource





**Questions?**