



Progress Report

Project: Lummi Island Scenic Estates Community Club

Wilson Project Number: 2022-120

Service Dates: Through 6/30/2023

SMALL WATER SYSTEM MANAGEMENT PLAN ASSISTANCE

Task 1. Create system map with service area boundary and retail service area identified:

- Provided to LISECC staff for review and comment.

Task 2. Capital Improvement Projects - identify and provide budgetary project cost estimates:

- Waiting to make progress on this until we receive direction that LISECC wants to proceed with SWSMP in the near future.

Task 3. Provide SWSMP to County for local government consistency review:

- Task cannot be completed until all Wilson-assigned tasks and LISECC staff/board tasks related to SWSMP have been completed and draft SWSMP has been compiled.

Task 4. Asset management assistance:

- Task has not yet been initiated.

Task 5. Assist in compiling SWSMP:

- Task has not yet been initiated.

Task 6. Submit SWSMP to DOH for approval:

- Task has not yet been initiated.

Task 7. Respond to DOH comments on SWSMP:

- Task has not yet been initiated.

PRE-DESIGN

Task 1. Alternatives development:

- Alternatives have been developed in detail in the draft pre-design report.

Task 2. Research and analysis of alternatives:

- Included in pre-design report.

Task 3. Alternatives cost development:

- Relative costs of alternatives are discussed in the pre-design report.

Task 4. Pre-design memo documenting alternatives:

- Memo has been provided to LISECC for review and comment.

Task 5. Pre-design coordination meeting discussing alternatives with staff and board members:

- Occurred on June 19 at LISECC, Wilson sent meeting notes. Also held pre-design meeting with DOH on June 22 to get their input on pre-design considerations. Notes from that meeting were recorded as well, and key aspects of pre-design (capacity, redundancy) have been decided upon. Design will proceed in accordance with decisions.

PRELIMINARY ENGINEERING REPORT

- Report is progressing now that direction has been decided upon related to pre-design alternatives. Allison has started RD Apply application, need to get Brian application number so that we can begin to populate the Preliminary Engineering Report section of the application.
- Project Report that will be submitted to DOH is in progress and will be provided to LISECC for review and comment in the near future.

ENVIRONMENTAL REPORT

- No work on this phase yet – will begin on this soon now that a recommended project alternative scope has been settled and the project extents are known and can be assessed with respect to environmental considerations.

USDA-RD LOAN APPLICATION

- Brian, Melanie, and Allison met with USDA-RD representatives on 4/18 to introduce them to the project, discuss logistics. Take-aways were written up in April 2023 progress report.
- Allison has begun the application and will assign roles to project team members (including Brian, board members, etc.).

USDA-RD LOAN IMPLEMENTATION

Task 1. Coordinate Attorney review of construction contract:

- Will complete after loan application has been submitted and construction contract documents are complete and approved by DOH and LISECC board (final task of this contract).

TOPOGRAPHICAL SURVEY COORDINATION & BASE DRAWING

Task 1. Coordination with Jepson & Associates:

- Brian sent draft of request for additional survey to Allison on 6/29. Pending any edits, we can then send to Chris Jepson so that he can provide a fee estimate for the work. The additional survey is needed as a base map to create the 60% design plans.



Task 2. Data Integration and Drafting to reference survey basemap:

- Have integrating existing survey information into basemap for 30% design project drawings. Have created list of questions/clarifications for Jepson & Associates that will be conveyed with the additional survey request.

PERMITTING

- SEPA checklist draft has been completed. Needs some refining as design proceeds.
- We are getting in touch with Whatcom County about discussing our project and scheduling a preapplication meeting to come to conclusions about what permits will be needed for the project.
- We will likely need additional survey as a basemap for design drawings before we can proceed with most Whatcom County permits. Need to have certainty with regard to property and easement boundaries and need Dogwood Terrance roadway and existing utilities in basemap to work out all permitting logistics.

PREPARE CONSTRUCTION DOCUMENTS

Task 1. Design - selecting and sizing equipment (pumping systems, membrane package plant, ancillary components):

- We have a working model of the equipment and piping inside the new water treatment plant building. Will continue to update and refine as design proceeds.
- With direction on duplex raw water pump system, fully redundant membrane skids, each 100 gpm, and Contact Time piping direction, we are proceeding with sizing these components.

Task 2. Geotechnical Report for Building Foundation Design:

- Geotechnical report is complete.

Task 3. Stormwater Memo documenting no need for Stormwater Report:

- Initial equipment layout models indicate that the building area may need to be increased from 20'x30' to approximately 24'x30', which will increase new impervious area to 1,820 square feet. Will need to severely restrict any further impervious area expansion to remain below 2,000 square foot threshold. Brian is flagging this as a potential concern – if we exceed 2,000 square feet, stormwater design and permitting become more involved than currently scoped in design contract.

Task 4. Construction Stormwater Pollution Prevention Plan:

- Will include in 60% design.

Task 5. 30% Plans and Construction Cost Estimate:

- 30% Design Plans draft has been completed and is undergoing internal review and refinement. Will be providing to LISECC for review and comment very soon.
- We are progressing with a Construction Cost Estimate associated with the 30% design plans.

Task 6. 60% Plans and further progress of plans, estimate, and specifications: Will begin after feedback provided on 30% Plans.



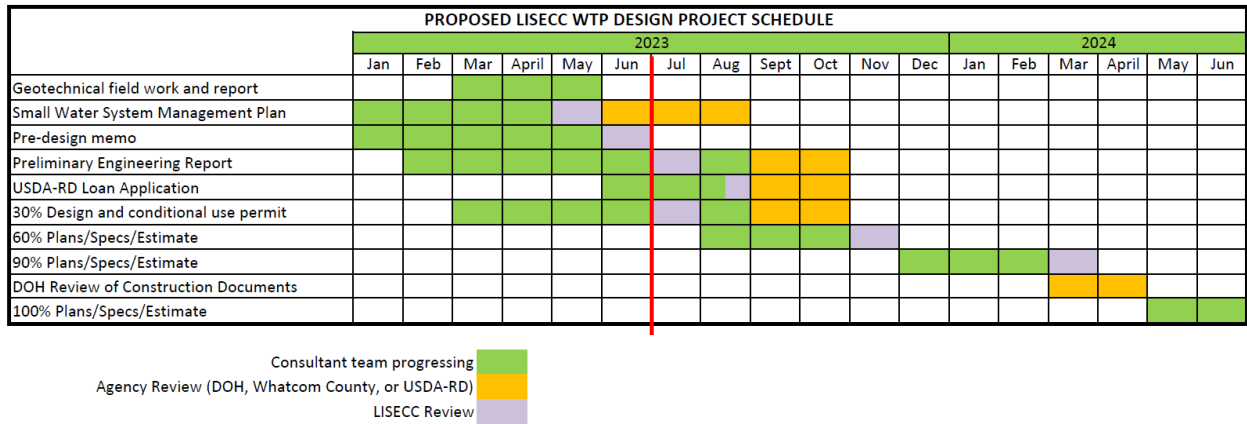
Electrical Engineering Design.

- Electrical engineer attended June 19 meeting and is in early stages of design.

Structural Engineering.

- Initial discussions of building design.

OVERALL SCHEDULE STATUS:



POTENTIAL ISSUES / CONCERNS:

- Need to confirm with land owner that everyone agrees about extents of easement and site access for proposed WTP facility. Allison has been having ongoing conversations with land owner, and can continue those conversations with preliminary building and access site plan. Also will likely need coordination with property owners of easement along Dogwood Terrace.
- Flagged potential concern about building footprint increasing and exceeding impervious area threshold where stormwater design would become more in-depth.

