



Wastewater Project Update

May 5, 2018

Agenda

- **Project overview**
- **Summer Village of Grandview project**
- **Cost structure and funding**
- **Costs to lot owners**
- **Status of Hamblin Trust**
- **Responsibility of lot owners**
- **Operations**
- **Payment details**

Project overview



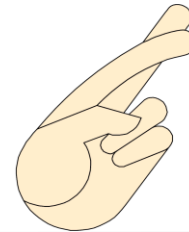
- Phase 1: Lagoon upgrade and regional line to VPL – completed and running March 2017
- Regional Commission: approved by Order in Council April 2018
- Phase 2: VPL to pump station No. 2: contract awarded, scheduled completion date end of 2018.

SV of Grandview project

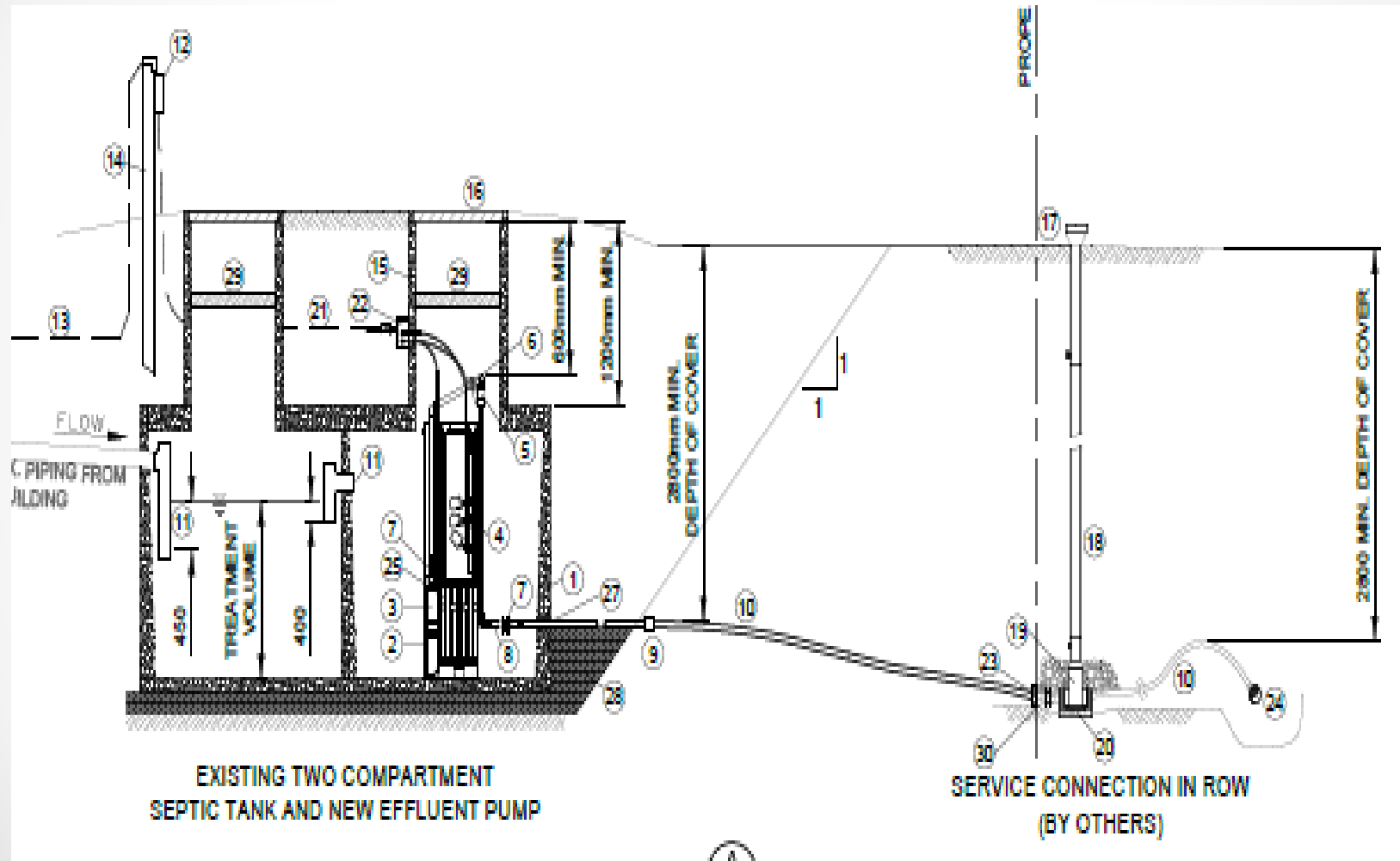
- **Joint project with Poplar Bay**
- **Phase 1 (local line) completed**
- **Phase 2 (service connection earth works):**
 - **Contract awarded April 26**
 - **Pre-construction meeting pending**
 - **Construction: May-November 2018**
 - **Start at south end of Grandview, then Poplar Bay**
- **Phase 3 (pump installation & operation)**
- **STEP system: two-chamber tank with effluent pump**
- **The Utility (SV) will install, own, and operate to the tank.**
- **Homeowner will be responsible for components from the connection to the home, (pump, control panel, tank(s) and back flow valve).**

Cost structure and funding

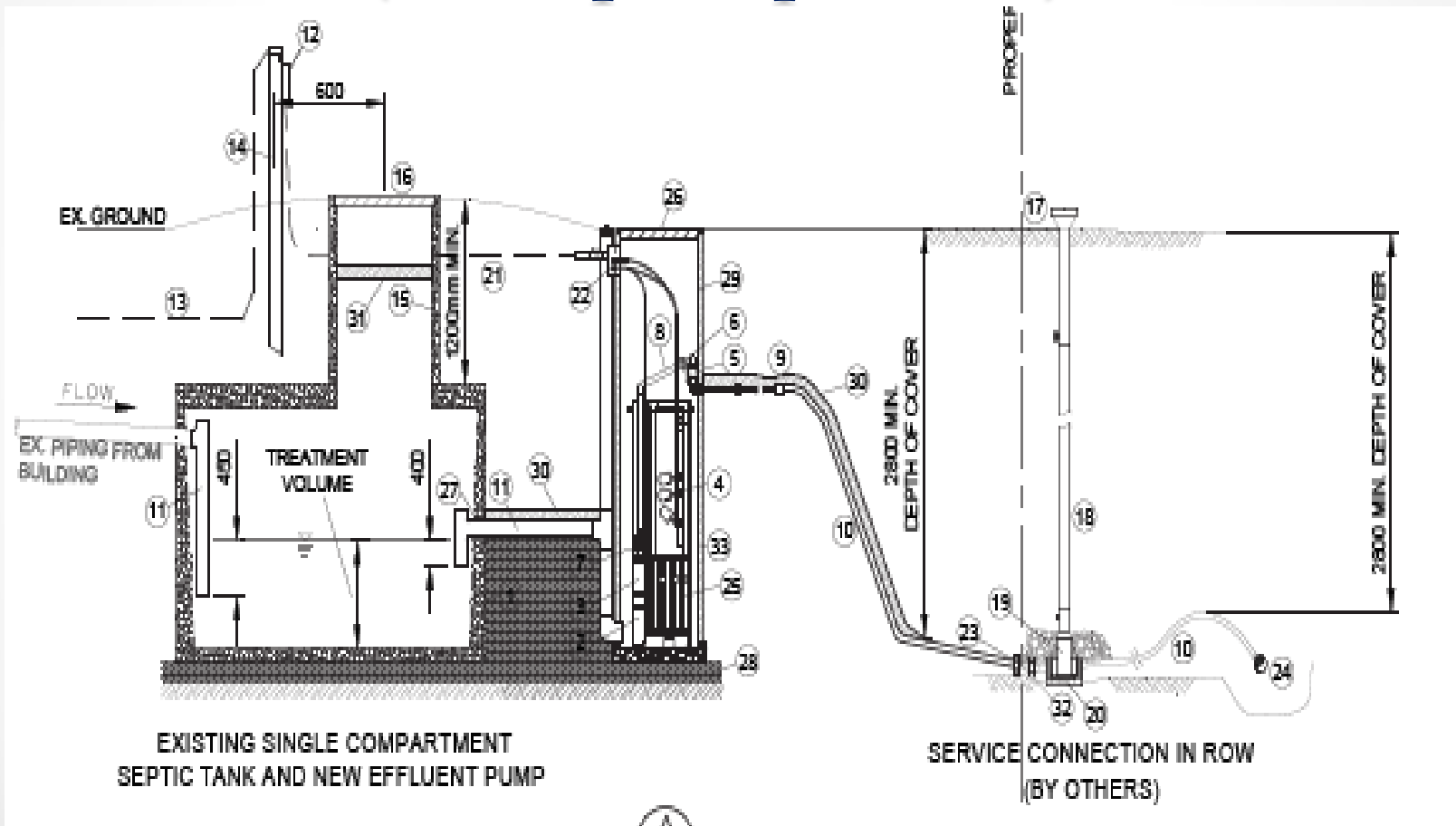
- **Phase 1 (regional line) funded 91% by grants**
 - Grandview's share: 15%. of remaining 9%
- **Phase 2 (connections)**
 - Funded 90% by grants
 - Grandview's share: 15% of remaining 10% (~\$75,000)
- **Connecting pipelines also funded 90% by grants**
 - Thanks to County of Wetaskiwin
- **Local System: Original estimate: \$2.34 million.**
 - 2/3 funded by grants
 - With agreement of Grandview residents, remaining 1/3 would be from Hamblin Trust.



Two-compartment tank)



Single-compartment tank (with pump vault)



Cost to lot owner

- **Basic fee: \$1750**
- **Tank inspection: \$200**
- **Possible extras:**
 - **Directional drilling <10m from property line: \$50/m**
 - **New tank: \$5000 (plus installation)**
 - **1200 gal, 2 chambers, 2 risers, insulation, lid, 20-year guarantee**
 - **Bulk price arranged, owner can purchase and install if preferred**
 - **New pump vault: \$2000 (including installation)**
 - **Clearing and replacing obstructions: (individual prices)**
 - **Homeowner consultation (if required): \$200**

Cost to lot owner (cont.)

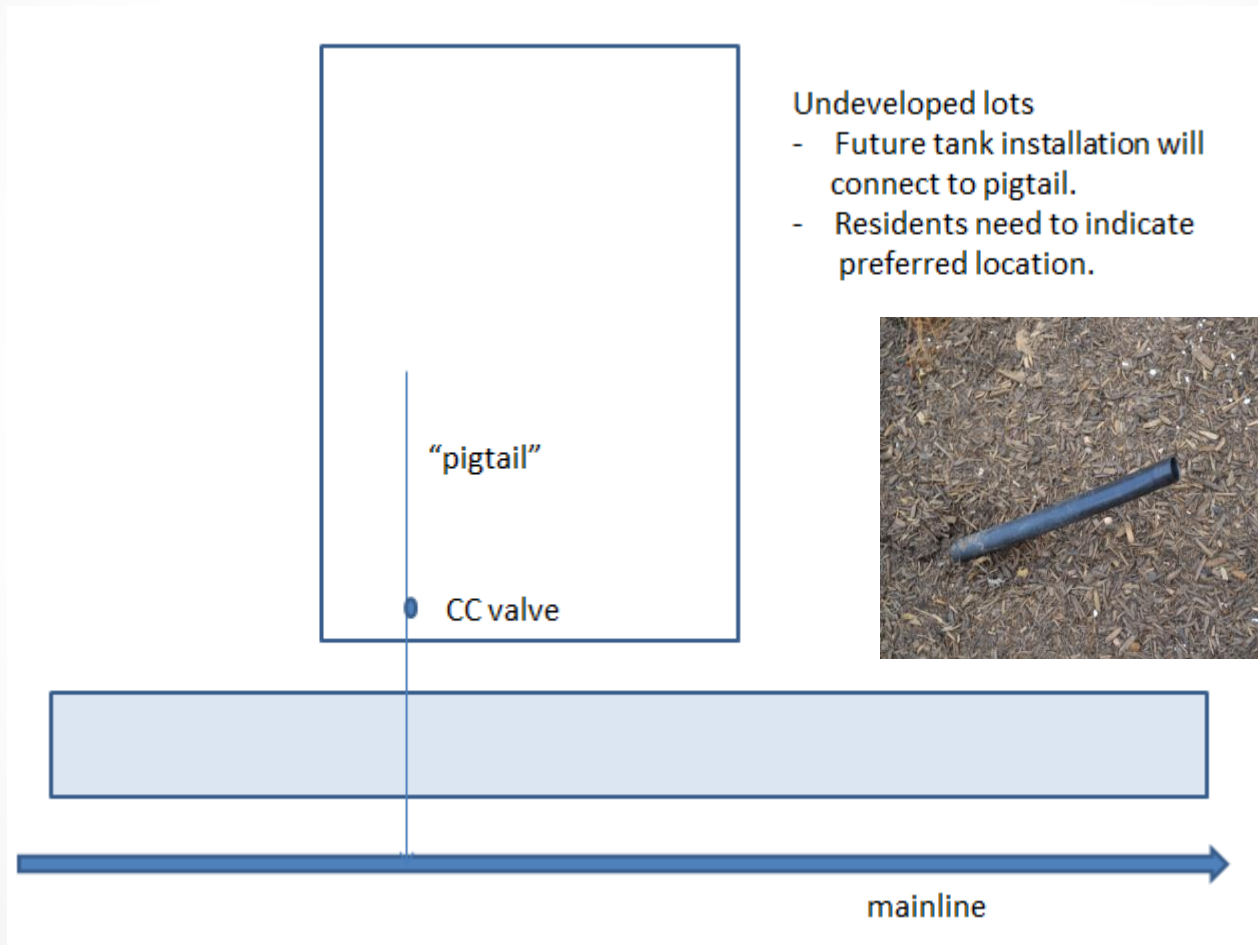
- **Finalized costs will be posted on website as “Schedule A” of Wastewater Construction Agreement.**
- **Signing the Construction Agreement gives Utility authorization to proceed with connection.**
- **Owner should not have to be involved (other than in special circumstances).**
- **Note: We are still working to achieve further cost savings.**

Phase 3 costs

(pump installation)

- **Hamblin Trust: \$1500 to each lot for pump and biotube**
- **Homeowner responsible for cost of control panel (bulk purchase), installation, floats, and check valve.**
- **Also, must arrange for power to holding tank location (two 120V circuits, 20 amp and 15 amp). Panel cost: \$500 to \$800.**
- **Depending on final Phase 2 costs, Hamblin Trust may have residual funds to defray Phase 3 costs.**
- **Every lot owner (including undeveloped lots) will receive an equal share of Hamblin Trust funds available after contribution to the mainline costs.**

Undeveloped lots



Operations

- **Design features to avoid freezing problems**
 - heat source for tank
 - frost plug
 - heat tracing
- **Operating costs**
 - No noticeable increase in annual fee
 - Cost comparable to three pump-outs per year
 - Looking at a filter cleaning & pump inspection service to be offered by the Utility.

Payment

- **Invoice issued by Village after installation complete.**
- **Payment terms: within 30 days**
- **To keep costs down, please provide information when requested and pay on time.**

Check the summer village website for regular updates:

www.grandview.ca