

### **Water Upgrade Summary for Sea Can Option**

Please see attached for the WTPs. These are based on sea-container buildings. I assumed used with some work onsite to insulate (wood or steel furring, batt insulation/vapour barrier, gyprock). Piping for Aspen and Willow Ridge would be done above ground in insulated weather boxes. At Cedar Glen it would be below grade because of road crossings etc.

Willow Ridge - \$440K incl. 30% contingency

Aspen Grove – \$360K incl. 30% contingency

Cedar Glen – \$360K (Aspen Grove type building), plus 75K buried piping to Lot 141 (Condo owned by creek). Still sea can building, incl. 30% contingency

Total including contingency is \$1.235M

I'm currently working with supplier to get a better handle on UV disinfection equipment. If I can fit it in the existing building at Willow Ridge, I'm probably about \$400K. At Aspen Grove and Cedar Glen I would need a new building because the equipment won't fit and be maintainable, so Probably 460K and 540K, respectively for each of those sites to fit UV in a sea-can. I'm not sure if those numbers are close though because we're still trying to sort out if the equipment, I'm basing this off work and fit. These prices for UV systems would have me salvaging the existing tanks etc. because I wouldn't be relying on contact time for disinfection and less concerned about managing the flow rates to distribution in order to maintain disinfection.

Regards,

Minnow Engineering Ltd.