

## Budget?

Currently, the expenses to date have been completed on budget.

BUT construction has yet to begin, and Change Orders are always to be expected.

Following Substantial Completion, the final cost will be calculated and all property owners will be invoiced for their per parcel share. Any invoices left un-paid will automatically be transferred to the property tax roll.

In 2009 the Towns for Tomorrow grant was received in the amount of \$400,000 to be used towards the groundwater well development project.

In 2010 an application was made for a Canada Infrastructure grant for 2/3's funding, unfortunately no additional funds were secured.

## You can Help

All stakeholders play a role in the reducing the project budget:

**RDCO**  
**by**

- applying for government grants,
- ensuring expenses are accounted for,
- eliminating un-necessary spending.

**CTQ**  
**by**

- finding efficiencies thru project design,
- providing adequate construction supervision.

**YOU**  
**by**

- abiding by construction zone safety and transportation rules,
- keeping out of the way of the contractors and letting them do their jobs.



## Environmental Services

### Director of Environmental Services

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APRIL  
to  
OCTOBER  
**2011**

## THE WATER PROJECT

The new community water system is designed to provide domestic service with fire flows to the subdivisions of:

- ◆ Valley of the Sun (147 parcels),
- ◆ Shalal Road (14 parcels),
- ◆ Upper Fintry (180 parcels),
- ◆ Fintry (106 parcels),

and the fire service's garage on Westside Road at Shorts Creek.

Developmental growth is expected to occur once the water system is complete, therefore the system design capacity was increased to service 600 residential equivalent units.

The water system will be comprised of approximately 12 km of distribution piping, fed by two groundwater wells located in the delta, a mid-level booster pump station at the switch-back on Fintry-Delta Road, and one multi-cell reservoir in Valley of the Sun.

The final design drawings are complete and have been tendered, closing on March 24th.

The Morden Control Station will be built by Maddocks Construction Ltd sharing the site of the supply wells. The station will host the system controls and eventually the hypochlorite generation equipment.

The water system will be owned, operated and maintained by the Regional District of Central Okanagan.

# FAQ'S

## FOR CONNECTING TO A REGIONAL DISTRICT WATER SYSTEM



### Is an Application or Permit required?

Yes, the property owner, or their authorized agent, must make written application, obtain a building permit, and pay all applicable fees and charges prior to making connection to a Regional District Water System. Applications and Permits can be made at and issued by the Regional District Inspection Services Department, located on the second floor of the Regional District offices at 1450 KLO Road in Kelowna, BC.

### Can I install the water service myself?

Yes, a homeowner may undertake to complete the installation of the water service on his/her own property, or he/she may contract the work to a person possessing a BC Tradesman's Qualification Certificate as a Plumber.

### Can my shut off be in my driveway?

Shut offs that are located within a driveway must be protected by a concrete box and lid.

### Can we continue to use our cistern?

An in ground cistern or water tank should be removed or filled with sand, gravel or other approved material. Approval by the building inspector may be granted where back-flow prevention has been provided and where the water supply to the structure or dwelling is not at risk.

### Is a water service meter required?

Yes, all connections to Regional District Water Systems must be metered. Water meters are excellent tools for measuring the demand for treated water, they provide a fair and equitable user pay system and tighter leak detection measures.

*Reduced Water Usage = Reduced Repair Costs*

### What materials must be used?

The type of materials to be used must be in accordance with part 7 of the Building Code. Acceptable materials include:

- Crosslinked Polyethylene (PEX) Pressure Tubing CAN/CSA-B137.5;
- Copper & Brass ASTM B42/Copper, ASTM B43 Red Brass;
- Copper Types K & L Soft Temper ASTM B88

### What are the standards for installation?

The standards and procedures to be used for the installation of the water service must be in accordance with part 7 of the Building Code. In general:

- Piping shall be laid on a base that is firm and continuous under the entire length of the pipe;
- Water service pipe shall be bedded in sand with a minimum of 150mm cover completely around the service pipe;
- The pipe shall be installed deep enough that a minimum 1.2m of soil cover is provided over the pipe for frost protection; In locations where the water service pipe is installed where little or no snow will accumulate (such as a driveway or a sidewalk) a minimum of 1.5m of soil cover is required for frost protection.
- Water service pipe shall be continuous from the curb stop to the service location within the building.
- Soldering of copper fittings for underground installation is not permitted.
- The water service pipe shall be water tested and the test shall remain in place until inspected and approved by the building inspector;
- No part of the system shall be covered without the approval of the building inspector.

**Note:** If you have an existing pump connected to a well or surface water supply, you must remove the pump prior to connecting to the Regional District Water System. There can be no common piping between the Regional system and any other water supply.

### Are there fees to connect?

Yes, the 2011 fees that apply to a single family residential connection to a Regional District Water System are:



Application for Connection	\$200.00
Water Meter (3/4" dia)	\$440.00
Building Permit	\$100.00
Building Permit Deposit	\$50.00
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TOTAL	\$790.00

### Notes:

- Capital Improvement Charges may apply, and would be in addition to these fees.
- Water connections must be installed in accordance with the B.C. Plumbing Code
- Water connections must be inspected by the building inspector.
- If you are applying to connect an existing building, the \$50.00 building permit deposit will be returned if the job is completed within 2 years of making application.
- If you are applying to connect a new building which is yet to be constructed, the building permit fee will be based on the estimated cost to construct the building.

### When do I start paying utility fees?

Existing Homes

- Utility fees will commence on the date that the water service is inspected by Regional District of Central Okanagan staff.

New Home Construction

- Utility fees will commence on the date of insulation inspection by Regional District of Central Okanagan staff

### What are the utility fees?

It is estimated the annual cost to operate the water system will be approximately \$400 per connected customer, to start. The rates are closely monitored by the Regional Board and will be adjusted from time to time to ensure sustainability.

**Note:** these fees are in addition to the annual maintenance fees that apply to all properties, connected or not, and estimated to be \$200 per year.