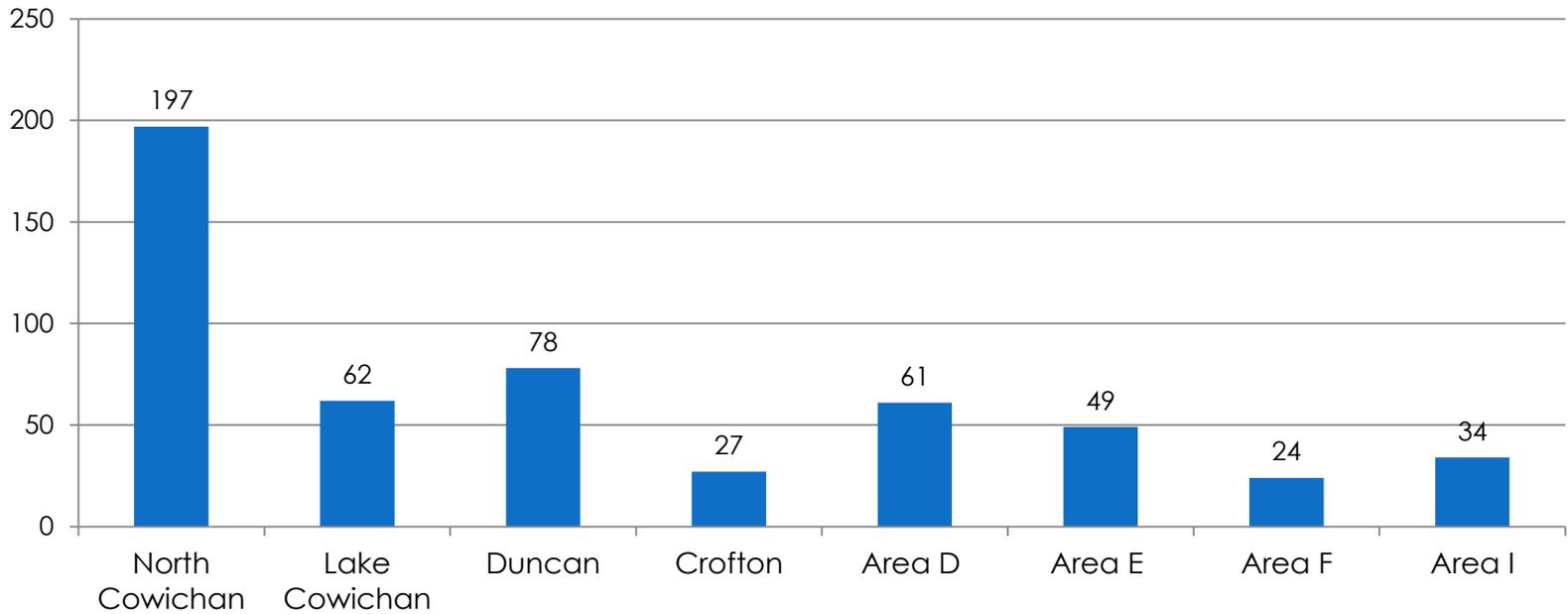


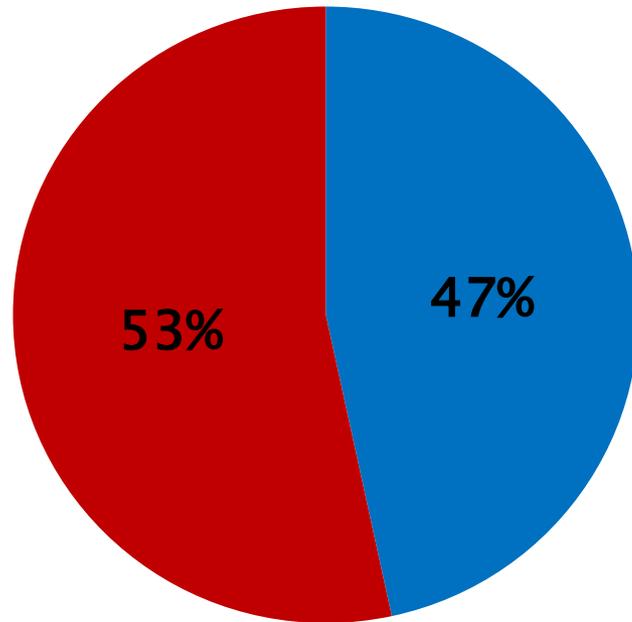
Water Conservation Challenge

Cowichan Watershed Board
June 2013



532 households surveyed in August 2011 to assess general knowledge about water and water conservation

Water Knowledge – Source



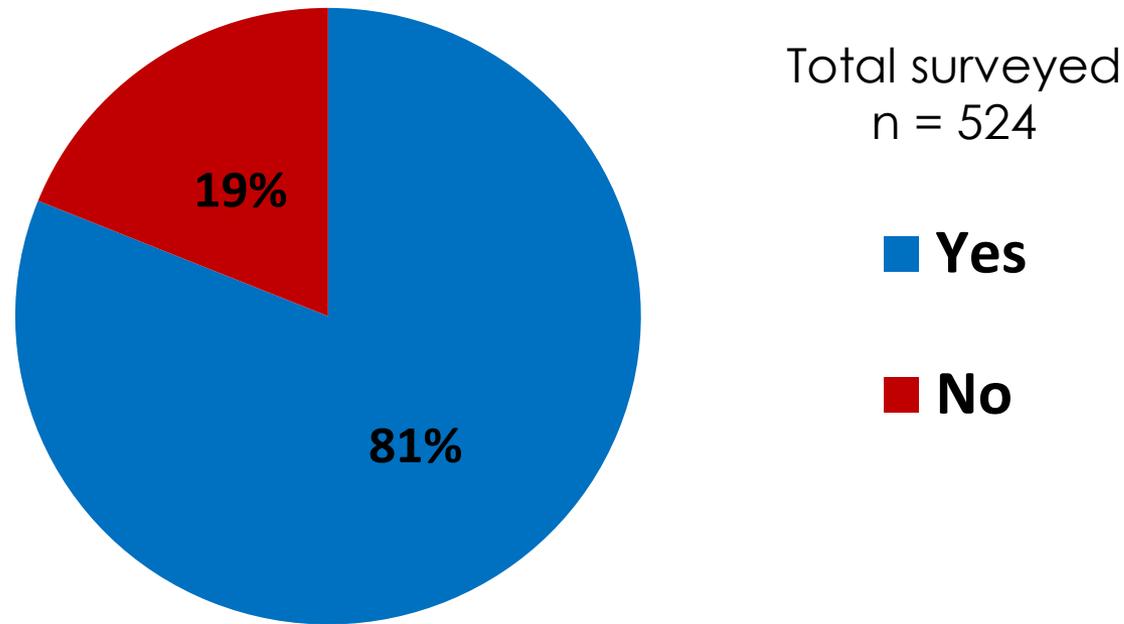
Total surveyed
n = 532

■ Yes

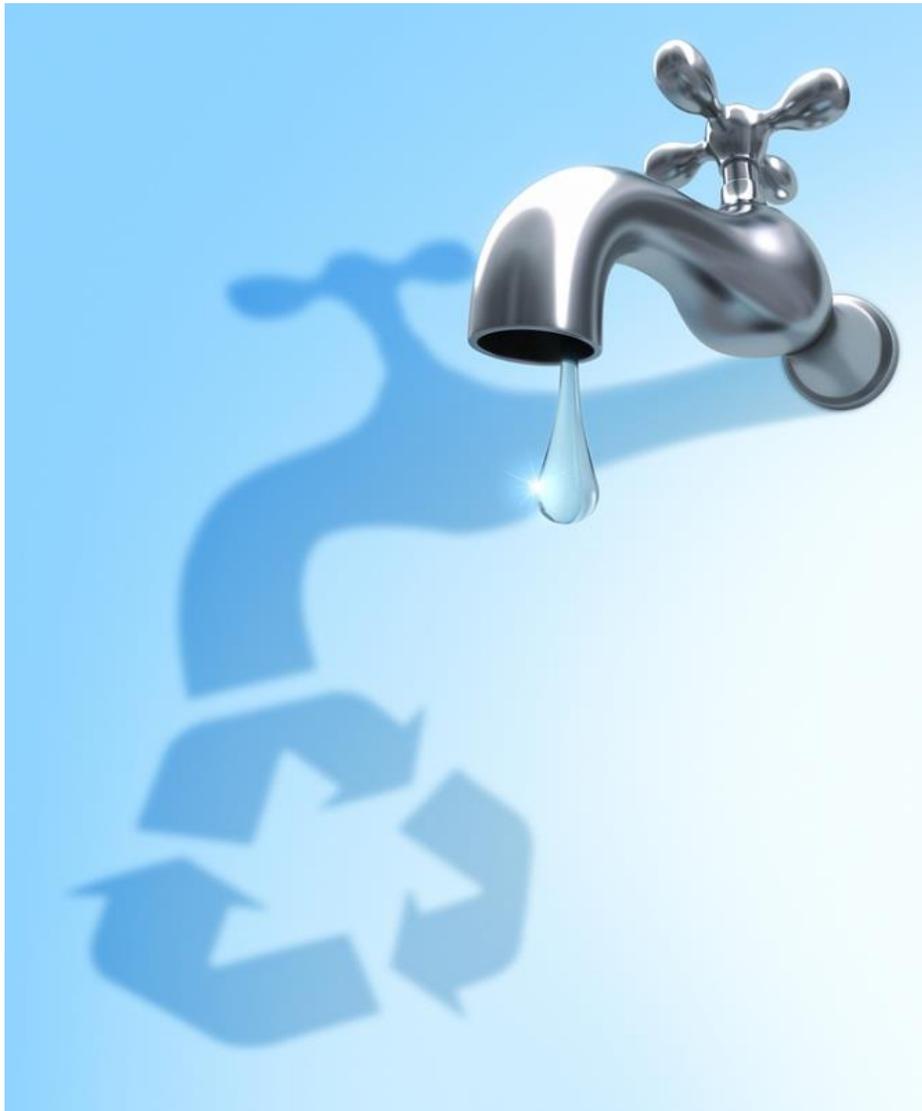
■ No

Some areas within the watershed knew more than others but over half of water users did not know where their water comes from.

Water Knowledge – Provider



People were better at knowing who provides their water.



**Residents have good
attitude regarding
water conservation**

61% very important

31% fairly important

Water Conservation Tips



But people need help:

- How to conserve water
- Incentives





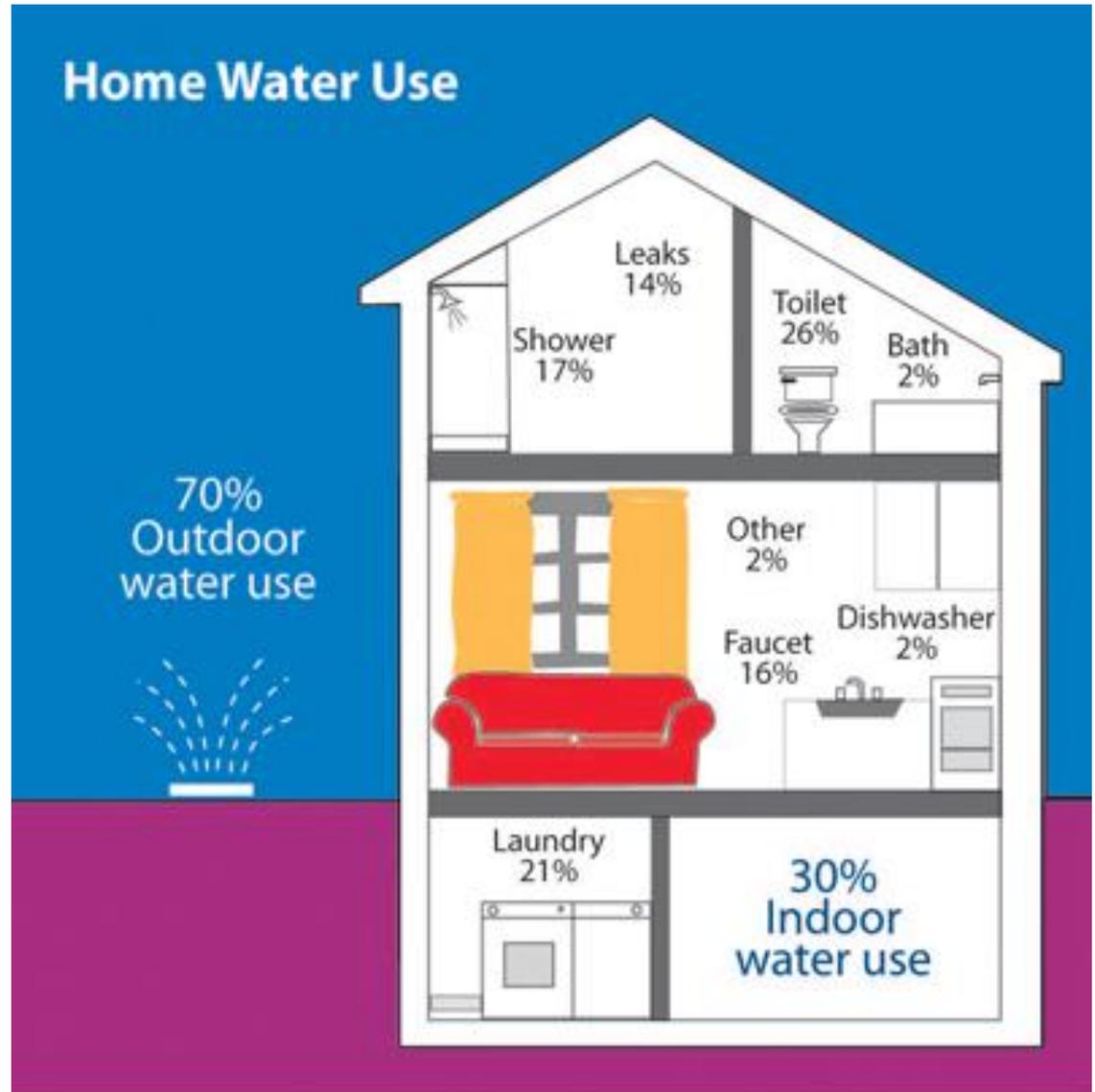
31% are not aware of watering restrictions

42% did not know about toilet rebate program



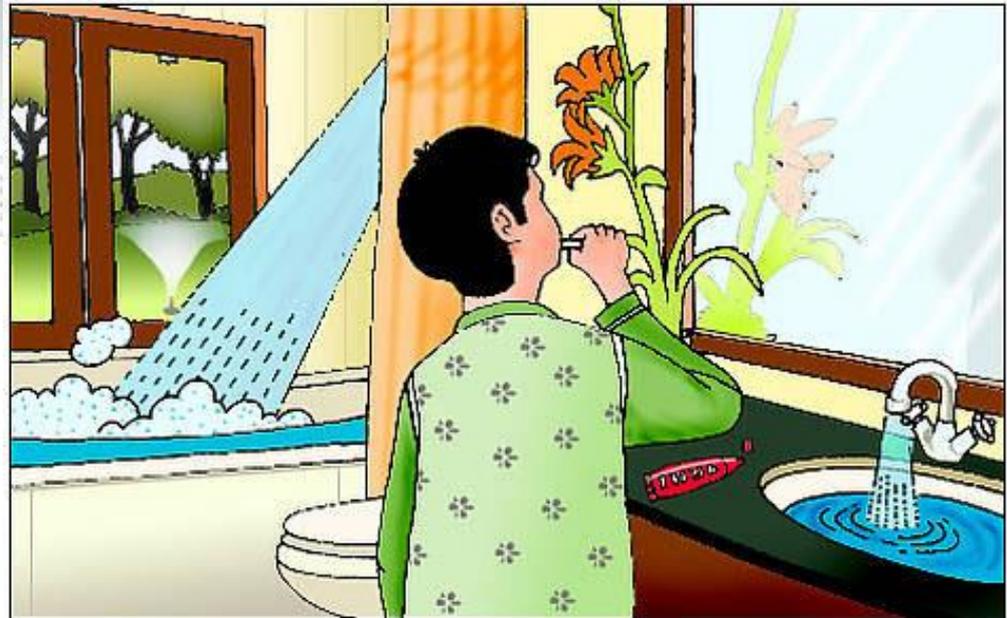
Where does the water go?

BC average:
353 litres/person/day





Current pricing is not affecting behaviour.



Water meters
and tiered
(inclined block
rate) pricing
are effective
tools for water
conservation.



2012 Water Rates

Area	Provider	Average Annual Cost	Min Annual Price	Max Charged 2012
Crofton	North Cowichan	\$471.64	\$458.00 *	\$1,257.75
South End MNC	North Cowichan	\$357.74	\$300.00 *	\$5,615.04
MNC	City of Duncan	\$255.50	\$255.50	\$255.50
Duncan	City of Duncan	\$175.50	\$175.50	\$175.50

2012 Water Rates

Area	Provider	Average Annual Cost	Min Annual Price	Max Charged 2012
Area D	Cherry Point Estates Local Service CVRD	\$1,035.38	\$875.00 *	\$1,687.50
Area D	Lambourne Estates Water Systems CVRD	\$468.00	\$468.00 *	\$468.00
Area D	Douglas Hill Water System CVRD	\$629.76	\$547.00 *	\$1,388.77

2012 Water Rates

Area	Provider	Average Annual Cost	Min Annual Price	Max Charged 2012
Area E	Dogwood Ridge Water System CVRD	\$1,080.05	\$1050.00 *	\$1,805.63
Area E	Eagle Heights Water System City of Duncan	\$255.50	\$255.50	\$255.50

2012 Water Rates

Area	Provider	Average Annual Cost	Min Annual Price	Max Charged 2012
Area F	Honeymoon Bay CVRD	\$576.00	\$576.00 **	\$576.00
Area F	Mesachie Lake CVRD	\$430.00	\$430.00 *	\$430.00
Area I	Youbou Water System CVRD	\$626.55	\$580.00 **	\$1,916.75
Area I	Bald Mountain Water System CVRD	\$733.63	\$674.00 *	\$961.59
Lake Cowichan	Town of Lake Cowichan	\$306.72	\$306.72	\$306.72

Water Knowledge – Consumption

(requires verification)

Area	Provider (sample size)	Average Consumption L/Day	Minmum Consumption L/Day	Maximum Consumption L/Day	Average Annual Consumption L/Day/Person
Area D	Cherry Point (29)	973	125	2,241	423
Area D	Douglas Hill (88)	794	189	2,518	345
Area E	Dogwood Ridge (33)	734	247	3,033	294
Area I	Bald Mountain (7)	1,105	153	1,753	552
Area I	Youbou (286)	584	71	4,168	292
Crofton	North Cowichan (740)	666	85	5,401	289
South End MNC	North Cowichan (4,285)	1,047	60	114,097	455

* Includes only households using greater than 50L/Day per billing period



Can we meet or beat Ladysmith's
L/person/day
for domestic water use?