

June 7, 2008

Mayor Mar and Council, District of Central Saanich
1903 Mount Newton Crossroad, Saanichton BC V8M 2A9

Dear Mayor Mar and Council,

In response to Dr. Neal's letter of May 16, 2008, I would like to note a couple of points regarding the outside tap water test results for 507 Senanus, taken February 8, 2006.

Firstly, the quality of the water tested is excellent. Parameters for all elements exceed Safety level requirements for the BC Health Act Safe Drinking Water Regulation and the Canadian Drinking Water Regulations, with the exception of only one easily filtered element: Pb. As noted, this can come from old pipes and solder. Earlier testing from the wellhead at this same property¹ indicated miniscule lead levels. This may indicate a problem with the plumbing in this household. Irrespective of this, there are simple, economical, and readily available solutions for filtering this element. Brita water filters costing less than \$60.00 (sixty dollars) per year, will remove lead content entirely. If my recommendation causes uncertainty, please read these peer-reviewed medical studies:

"Most lead exposures are preventable" "An inexpensive reverse osmosis filter (e.g., Brita) is also effective in removing lead from drinking water."

Brian L Gulson, Alistair J Law, Michael J Korsoh, Karen J Mizon, Effect of Plumbing Systems on Lead Content of Drinking Water and Contribution to Lead Body Burden, Elsevier Scierice B.V., 144 (1994) 279-284

CSIRO, Brian L Guslon, Angelas M Giblin, Massimo Chiaradia, Ann Sheehan, Exploration and Mining Report 224C, The Efficiency of Removal of Lead and other Elements from Domestic Drinking Waters using the Brita Water Filter System, February 1996.

To reiterate, water test results provided prove that Senanus water is potable and can easily meet or exceed British Columbia and Canadian Drinking Water Standards, contrary to continued data misrepresentation by waterline proponents. Results also provide further opportunity to recommend and demonstrate ready availability of simple low cost solutions, appropriate to the small number and true scale of legitimate problems, per results provided.

Conversely, \$13,000 (\$9000 plus interest per my conversation with R.Tanner) the bare minimum costs for the waterline that each *benefiting property* will pay, will purchase 42,240 filters, or approximately two hundred and twenty years worth of Brita filters for each household. Other economical in-home solutions are also available and equally effective. As has been recommended to the District time and time again by a multitude of experts – please consider simple, low-cost readily available solutions. Spending millions of public funds for a few homes, when \$60/yr solutions are available seems irresponsible. $64 \text{ homes} \times 25\% \text{ need} = 16 \text{ homes} / 6235 \text{ homes in Central Saanich}^3 = 0.25\% \text{ public need}$. 0% is not adequate public good for which these grants are created. Please ensure abuse of public funds is not condoned by this Municipality.

Opposition to the proposed waterline is based on factual evidence and rational thought. Alternative suggested solutions are logical, practical, economical, and good for the environment. Thank you for your time and consideration of available evidence and options.

Very truly,



Lori Waters, MFA, MScBMC

cc: Dr. D.J. Neal, Dentist. 507 Senanus Drive, Saanichton BC, V8M 1S6

¹ See Lowen Report. Data indicates no lead content at wellhead for this property.

² Margaret D. Sanborn, Alan Abelson, Monica Campbell, Erica Weir. Identifying and managing adverse environmental health effects: 3. Lead exposure Canadian Medical Association Journal • MAY 14, 2002; 166 (10)

³ 2006 Census Data, Central Saanich