

Sonoma Ridge and McCall Sound

Regulated Contaminants

Inorganic Contaminants	Collection Date	Highest Single Sample	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	02/20/2008	0.312	0.312 - 0.312	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	02/20/2008	0.18	0.18 - 0.18	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Radioactive Contaminants	Collection Date	Highest Single Sample	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	02/20/2008	5.6	5.6 - 5.6	0	4	mrem/yr	N	Decay of natural and man-made deposits.
Combined Radium 226/228	02/20/2008	0.69	0.69 - 0.69	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	02/20/2008	7.5	7.5 - 7.5	0	15	pCi/L	N	Erosion of natural deposits.