Table 1. Evergreen Service Area (SCVWD Water Supply)

Parameter	Unit	MCL (MRDL) [NL]	PHG (MCLG) [MRDLG]	Range	Average	Typical Sources in Drinking Water
MICROBIOLOGICAL						
Total Coliform[1]	% of positive samples per month	5	(0)	0	0	Naturally present in the environment
INORGANIC CHEMICALS						
Aluminum	ppb	1000	600	ND-83	83	Erosion of natural deposits;residue water treatment
Barium	ppb	1000	2000	ND-110	110	Erosion of natural deposits;run off from orchards
Boron	ppb	[1000]	none	103-188	155	Erosion of natural deposits
Vanadium	ppb	[50]	none	ND-4	3	Erosion of natural deposits
Chlorine Residual[1]	ppm	(4)	[4]	0.02-2.61	1.73	Added for disinfection
Fluoride[1]	ppm	2	1	0.46-1.16	0.89	Erosion of natural deposits;water additive
Nitrate	ppm	45	45	ND-5	4	Erosion of natural deposits and fertilizers
ORGANIC CHEMICALS						
Total Trihalomethanes[1]	ppb	80	none	45.5-67.1	60.7	By-product of drinking water chlorination
Total Haloacetic Acids[1]	ppb	60	none	7.0-35.0	21.1	By-product of drinking water chlorination
Total Organic Carbon	ppb	NS	none	1.9-3.2	2.4	Various natural and manmade sources

LEAD AND COPPER RULE	Unit	AL	PHG (MCLG)	Range	90th Percentile	# Samples Collected	# Samples Exceed AL	Typical Sources in Drinking Water
Lead[2]	ppb	15	2	ND-10	3	30	0	Corrosion of household water plumbing
Copper[2]	ppb	1300	170	2.7-140	87	30	0	Corrosion of household water plumbing; service connection piping

AESTHETICS	Unit	Secondary MCL	Range	Average	Typical Sources in Drinking Water
Aluminum	ppb	200	ND-83	83	Erosion of natural deposits;residue water treatment
Chloride	ppm	500	14-109	57	Runoff/leaching of natural deposits/seawater influence
Color[1]	CU	15	5-5	5	Naturally-occurring organic material
Foaming agent	ppm	0.5	<0.05-<0.05	<0.05	Municipal & industrial waste discharge
Manganese	ppb	50	ND-29	25	Leaching from natural deposits
Odor[1]	TON	3	1-1	1	Naturally-occurring organic material
Specific Conductance	µS/cm	1600	374-587	497	Seawater influence/substances forming ions in water
Sulfate	ppm	500	41.1-72.1	58.3	Runoff/leaching of natural deposits/industrial waste
Total Dissolved Solids	ppm	1000	228-312	275	Runoff/leaching of natural deposits

TURBIDITY	Unit	TT	% of samples < 0.3 NTU	Highest Level	Typical Sources in Drinking Water
Treated Water	NTU	95% of samples<0.3 NTU	100%	0.11	Soil runoff

Table2. Edenvale Service Area (Groundwater Supply)

Parameter	Unit	MCL (NL)	PHG (MCLG)	Detected Level (Range)	Average	Typical Sources in Drinking Water
MICROBIOLOGICAL						
Total Coliform[1]	% of positive samples per month	5	(0)	0	0	Naturally present in the environment
INORGANIC CHEMICALS						
Barium	ppb	1000	2000	(121-132)	125	Erosion of natural deposits
Boron[3]	ppb	(1000)	none	(100-150)	114	Erosion of natural deposits
Chromium VI[3]	ppb	NS	none	(3.8-11.8)	6.1	Leaching of natural deposits/industrial waste
Vanadium[3]	ppb	(50)	none	(4-10)	6.4	Erosion of natural deposits
Nitrate	ppm	45	45	(10.1-13.6)	12.0	Erosion of natural deposits and fertilizers
Fluoride (Natural)	ppm	2	1	(0.1- 0.1)	0.1	Erosion of natural deposits
RADIOACTIVITY						
Radon[4]	pCi/L	NS	NS	(161-195)	178	Decay of natural deposits
AESTHETICS	**Unit**	**Secondary MCL**		**Detected Level (Range)**	**Average**	**Typical Sources in Drinking Water**
Chloride	ppm	500		(33.4-49)	41.3	Runoff/leaching of natural deposits
Color[1]	CU	15		(5-5)	5	Naturally-occurring organic material
Odor[1]	TON	3		(1-1)	1	Naturally-occurring organic material
Specific Conductance	µS/cm	1600		(566-601)	578.3	Substances forming ions in water;seawater influence
Sulfate	ppm	500		(44-46.8)	45.2	Leaching of natural deposits/industrial waste
Total Dissolved Solids	ppm	1000		(415-420)	417	Runoff/leaching of natural deposits
Turbidity[1]	NTU	5		(0.6-0.1)	0.2	Soil Runoff

Table 3. Coyote Service Area (Groundwater Supply)

Parameter	Unit	MCL (NL)	PHG (MCLG)	Detected Level (Range)	Average	Typical Sources in Drinking Water
INORGANIC CHEMICALS						
Chromium VI[5]	ppb	NS	none	(1.9-3.7)	3	Leaching of natural deposits/industrial waste
Nitrate	ppm	45	45	(3.1-4.3)	4.3	Erosion of natural deposits and fertilizers
Fluoride (Natural)[5]	ppm	2	1	(0.13-0.2)	0.15	Erosion of natural deposits
RADIOACTIVITY						
Radon[4]	pCi/L	NS	NS	177	NA	Decay of natural deposits
AESTHETICS	**Unit**	**Secondary MCL**		**Detected Level (Range)**	**Average**	**Typical Sources in Drinking Water**
Chloride[5]	ppm	500		(27-28)	27.3	Runoff/leaching of natural deposits
Color[1]	CU	15		(5-5)	5	Naturally-occurring organic material
Odor[1]	TON	3		(1-1)	1	Naturally-occurring organic material
Specific Conductance[5]	µS/cm	1600		(500-522)	510	Substances forming ions in water;seawater influence
Sulfate[5]	ppm	500		(33-35)	34	Leaching of natural deposits/industrial waste
Total Dissolved Solids[5]	ppm	1000		(300-320)	310	Runoff/leaching of natural deposits
Turbidity[1]	NTU	5		(1.2-0.1)	0.3	Soil Runoff

Table 4. Other Constituents Not Regulated

Parameter	Unit	Secondary MCL	Evergreen		Edenvale		Coyote	
			Range	Average	Range	Average	Range	Average
Hardness (as CaCO3)	ppm	NS	98-178	122	290-303	294.7	228-236	232
pH	Units	NS	7.1-7.7	7.5	7.5-7.6	7.6	7.7-7.9	7.8
Potassium	ppm	NS	1.0-3.6	2.9	NA	1.6[6]	1.1-1.1	1.1
Sodium	ppm	NS	15-64	50	26-33.4	28.7	19-21	20

NOTES:
1. Distribution data in 2005
2. Distribution data in 2004
3. Well data in 2002-03
4. Well data in 2000
5. Well data in 2004
6. One sample collected in 2003

ABBREVIATIONS:
pCi/L – pico Curies per liter
CU- Color Unit
ND – Not Detected
NS – No Standard
NA – Not applicable
NL - Notification Level
AL- Action Level

TON- Threshold Odor Number
NTU – Nephelometric Turbidity Units (measurement of suspended material in water)
ppm – parts-per-million (1 ppm equals 1 milligram per liter (mg/L))
ppb – parts-per-billion (1 ppb equals 1 microgram per liter (µg/L))
< - less than
µS/cm – micro Siemens per centimeter