Laboratory Results

Sample Water Sample ID No.: **WW-30**
Sample Date: April 20, 2010
SampleType: Domestic drinking water

Laboratory Analyses Performed:

Ammonia, Nitrogen and Nitrate	Metals
Pathogens	Perchlorate
General Chemistry	Pesticides and Herbicides
Hormones	Trace Organics

Chemical	Result[a]	Units	Laboratory Detection Limit	Drinking Water Standards	
				MCL[b]	SMCL[c]
Nitrogen Compounds					
Nitrate (NO_3)	**23.4**	**mg/L**	**0.05**	**10**	
Ammonia (NH_3+NH_4) as N	Not Detected	mg/L	0.05		
Nitrate+Nitrite (NO_3+NO_2) as N	**24.5**	**mg/L**	**2.5**	**10**	
Total Kjeldahl Nitrogen	Not Detected	mg/L	2.5		
Pathogens					
Escherichia coli	Not Detected	#/100 mL	1	See Footnote[d]	
Fecal Coliform	NA	#/100 mL	NA	0.0[e]	
Total Coliform	Not Detected	#/100 mL	1	5% (per month)[e]	
General Chemistry					
Alkalinity as CaCO3	255	mg/L	5		
Bromide	0.248	mg/L	0.2		
Chloride	33.1	mg/L	1.2		250
Fluoride	0.258	mg/L	0.4	4.0	2.0
Phosphorus, total	0.0204	mg/L	0.2		
Sulfate	176	mg/L	6		250
Hormones					
17-a-estradiol	0.21	ug/L	0.00021		
17-a-ethynyl-estradiol	0.16	ug/L	0.00016		
17-b-estradiol	0.14	ug/L	0.00014		
Estriol	0.22	ug/L	0.00022		
Estrone	0.21	ug/L	0.00021		
Metals					
Arsenic	Not Detected	ug/L	45	10	
Barium	57.5	ug/L	1	2000	
Cadmium	Not Detected	ug/L	3	5.0	
Calcium	99300	ug/L	30		
Chromium	Not Detected	ug/L	10	100	
Copper	Not Detected	ug/L	5	1300	1000
Iron	100	ug/L	20		300
Lead	Not Detected	ug/L	25	15	
Magnesium	24700	ug/L	50		
Manganese	Not Detected	ug/L	2		50
Mercury	Not Detected	ug/L	0.05	2.0	
Potassium	2900	ug/L	700		

Chemical	Result[a]	Units	Laboratory Detection Limit	Drinking Water Standards	
				MCL[b]	SMCL[c]
Selenium	Not Detected	ug/L	50	50	
Silver	Not Detected	ug/L	10		100
Sodium	107000	ug/L	100		
Zinc	22	ug/L	5		5000
Perchlorate					
Perchlorate	1.07	ug/L	0.003	See Footnote[f]	
Pesticides/Herbicides					
2,3,4,5-Tetrachlorophenol	Not Detected	ug/L	0.19		
2,3,4,6-Tetrachlorophenol	Not Detected	ug/L	0.096		
2,4,5-T	Not Detected	ug/L	0.48		
2,4,5-Trichlorophenol	Not Detected	ug/L	0.19		
2,4,6-Trichlorophenol	Not Detected	ug/L	0.48		
2,4-D	Not Detected	ug/L	0.48	70	
2,4-DB	Not Detected	ug/L	0.096		
3,5-Dichlorobenzoic acid	Not Detected	ug/L	0.096		
4-Nitrophenol	Not Detected	ug/L	0.48		
Acifluorfen	Not Detected	ug/L	0.48		
Alachlor	Not Detected	ug/L	0.1	2.0	
Atrazine	0.02 J	ug/L	0.1	3.0	
Azinphos-methyl	Not Detected	ug/L	0.1		
Bentazon	0.015 J	ug/L	0.1		
Benzonitrile, 2,6-dichloro-	Not Detected	ug/L	0.1		
Bromoxynil	Not Detected	ug/L	0.096		
Chloramben	Not Detected	ug/L	0.19		
Chlorpyrifos, Ethyl	Not Detected	ug/L	0.1		
Clopyralid	Not Detected	ug/L	0.96		
DACTHAL-DCPA	Not Detected	ug/L	0.48		
Diazinon	Not Detected	ug/L	0.1		
Dicamba	Not Detected	ug/L	0.096		
Dichlorprop	Not Detected	ug/L	0.48		
Diclofop, Methyl	Not Detected	ug/L	0.096		
Dinoseb	Not Detected	ug/L	0.48	7.0	
Diuron	Not Detected	ug/L	0.1		
Endosulfan I	Not Detected	ug/L	0.1		
Endosulfan II	Not Detected	ug/L	0.1		
Endosulfan Sulfate	Not Detected	ug/L	0.1		
Fenhexamid	Not Detected	ug/L	0.96		
Fenpropathrin	Not Detected	ug/L	0.1		
Imidan	Not Detected	ug/L	0.19		
Ioxynil	Not Detected	ug/L	0.096		
Kresoxim-methyl	Not Detected	ug/L	0.1		
MCPA	Not Detected	ug/L	0.19		
MCPP	Not Detected	ug/L	0.096		
Metribuzin	Not Detected	ug/L	0.1		
Myclobutanil	Not Detected	ug/L	0.1		
Oxyfluorfen	Not Detected	ug/L	0.1		
Pendimethalin	Not Detected	ug/L	0.1		
Pentachlorophenol	Not Detected	ug/L	0.096	1.0	

Chemical	Result[a]	Units	Laboratory Detection Limit	Drinking Water Standards	
				MCL[b]	SMCL[c]
Picloram	Not Detected	ug/L	0.96	500	
Propargite	Not Detected	ug/L	0.1		
Silvex	Not Detected	ug/L	0.19	50	
Simazine	Not Detected	ug/L	0.1	4.0	
SURFLAN	Not Detected	ug/L	1.9		
Terbacil	Not Detected	ug/L	1.9		
Trichlorpyr	Not Detected	ug/L	0.096		
Triflumizole	Not Detected	ug/L	0.19		
Trifluralin	Not Detected	ug/L	0.1		
Trace Organics					
1,4-dichlorobenzene	Not Detected	ug/L	0.2		
1-methylnaphthalene	Not Detected	ug/L	0.2		
2,2',4,4'-tetrabromodiphenyl ether	Not Detected	ug/L	0.3		
2,6-dimethylnaphthalene	Not Detected	ug/L	0.2		
2-methylnaphthalene	Not Detected	ug/L	0.2		
3,4-dichlorophenyl isocyanate	Not Detected	ug/L	1.6		
3-beta-coprostanol	Not Detected	ug/L	1.6		
3-methyl-1h-indole (skatol)	Not Detected	ug/L	0.2		
3-tert-butyl-4-hydroxyanisole (bha)	Not Detected	ug/L	0.2		
4-cumylphenol	Not Detected	ug/L	0.2		
4-n-octylphenol	Not Detected	ug/L	0.2		
4-nonylphenol monoethoxylate - total (np1eo)	Not Detected	ug/L	1.6		
4-octylphenol diethoxylate (op2eo)	Not Detected	ug/L	0.5		
4-octylphenol monoethoxylate (op1eo)	Not Detected	ug/L	1		
4-tert-octylphenol	Not Detected	ug/L	0.4		
5-methyl-1h-benzotriazole	Not Detected	ug/L	1.6		
acetophenone	Not Detected	ug/L	0.4		
acetyl-hexamethyl-tetrahydro-naphthalene (ahtn)	Not Detected	ug/L	0.2		
anthracene	Not Detected	ug/L	0.2		
anthraquinone	Not Detected	ug/L	0.2		
atrazine	Not Detected	ug/L	0.2	3.0	
benz[a]pyrene	Not Detected	ug/L	0.2	0.2	
benzophenone	Not Detected	ug/L	0.2		
beta-sitosterol	Not Detected	ug/L	1.6		
beta-stigmastanol	Not Detected	ug/L	1.7		
bis-(2-ethylhexyl) phthalate (dehp)	Not Detected	ug/L	2		
bisphenol a	Not Detected	ug/L	0.4		
bromacil	Not Detected	ug/L	0.8		
bromoform	Not Detected	ug/L	0.2	80	
caffeine	Not Detected	ug/L	0.2		
camphor	Not Detected	ug/L	0.2		
carbaryl	Not Detected	ug/L	0.2		
carbazole	Not Detected	ug/L	0.2		
chlorpyrifos	Not Detected	ug/L	0.2		
cholesterol	Not Detected	ug/L	1.6		
cotinine	Not Detected	ug/L	0.8		

Chemical	Result[a]	Units	Laboratory Detection Limit	Drinking Water Standards	
				MCL[b]	SMCL[c]
diazinon	Not Detected	ug/L	0.2		
dichlorvos	Not Detected	ug/L	0.2		
diethoxynonylphenols- total (np2eo)	Not Detected	ug/L	3.2		
diethyl phthalate	Not Detected	ug/L	0.2		
d-limonene	Not Detected	ug/L	0.2		
fluoranthene	Not Detected	ug/L	0.2		
hexahydrohexamethyl cyclopentabenzopyran (hhcb)	Not Detected	ug/L	0.2		
indole	Not Detected	ug/L	0.2		
isoborneol	Not Detected	ug/L	0.2		
isophorone	Not Detected	ug/L	0.2		
isopropylbenzene (cumene)	Not Detected	ug/L	0.2		
isoquinoline	Not Detected	ug/L	0.2		
menthol	Not Detected	ug/L	0.2		
metalaxyl	Not Detected	ug/L	0.2		
methyl salicylate	Not Detected	ug/L	0.2		
metolachlor	Not Detected	ug/L	0.2		
n,n-diethyl-meta-toluamide (deet)	Not Detected	ug/L	0.2		
naphthalene	Not Detected	ug/L	0.2		
para-nonylphenol total	Not Detected	ug/L	1.6		
p-cresol	Not Detected	ug/L	0.2		
pentachlorophenol	Not Detected	ug/L	1.6	1.0	
phenanthrene	Not Detected	ug/L	0.2		
phenol	1.42	ug/L			
prometon	Not Detected	ug/L	0.2		
pyrene	Not Detected	ug/L	0.2		
tetrachloroethylene	Not Detected	ug/L	0.4	5.0	
tri(2-butoxyethyl) phosphate	Not Detected	ug/L	0.2		
tri(2-chloroethyl) phosphate	Not Detected	ug/L	0.2		
tri(dichloroisopropyl) phosphate	Not Detected	ug/L	0.2		
tributyl phosphate	Not Detected	ug/L	0.2		
triclosan	Not Detected	ug/L	0.2		
triethyl citrate (ethyl citrate)	Not Detected	ug/L	0.2		
triphenyl phosphate	Not Detected	ug/L	0.2		

Laboratory Results
Notes, Abbreviations and Units

Notes

Shading indicates that the chemical was detected above the MCL.

Footnotes

[a]The Results column shows a numeric value for the concentration of the chemical if the chemical was detected in the sample. The term "Not Detected" means that the chemical was not detected in the sample above the laboratory detection limit. The term "Result Not Usable" indicates that there were quality assurance or quality control problems with the laboratory analysis of that chemical and there are no results to report.

[b]Maximum contaminant levels (MCLs) are the highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

[c]National Secondary Drinking Water Regulations (or secondary maximum contaminant levels [SMCLs]) are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply. However, states may choose to adopt them as enforceable standards.

[d]Any fecal coliform-positive repeat sample or *E. coli* -positive repeat sample, or any total coliform-positive repeat sample following a fecal coliform-positive routine sample constitutes a violation of the MCL for total coliforms. For purposes of the public notification requirements, this is a violation that may pose an acute risk to health.

[e]No more than 5.0% samples total coliform-positive in a month. Every sample that has total coliforms must be analyzed for fecal coliforms; no fecal coliforms are allowed.

[f]EPA does not have a MCL level for perchlorate. The human health based standard calculated under Washington State Model Toxics Control Act (MTCA) Cleanup Levels and Risk Calculation (CLARC) tool using Method B is 11ug/L.

Abbreviations

MCL - Maximum Contaminant Level

MTCA - Model Toxics Control Act

NA- Not Analyzed

SMCL - Secondary Maximum Contaminant Level

SMOW - standard mean of ocean water

TNTC - Too numerous to count

Units

CFU/100 ml = colony forming unit per 100 milliliters

MPN/100 ml = most probable number per 100 milliliters

ug/L = micrograms per liter

mg/L = milligrams per liter

‰ = parts per thousand difference from the atmospheric standard

Data Qualifiers

< = less than

J = The analyte was positively identified. The associated numerical value is an estimate.

R = The data are unusable for all purposes.