

Plus using average 5 Rounds of River Samples submitted by PSNH in 9/23/10 E-mail from Alha Palmer

Rivers 5, 6 and 7 for Cells E on are from most recent FORM 2A or WET testing, mg/l (values not highlighted yellow are set to detection limit)

Facility Name	Onsd, mgd	Evapns (0.2049) (w/ Shw+2)	Delta Q	Aluminum Total (chronic)	Antimony Total(Chronic)	Arsenic Total (fish con)	Arsenic Diss. (chronic)	Beryllium Total (chronic)	Cadmium Diss. (chronic)	Chromium+3 Diss. (chronic)	Chromium+6 Diss. (chronic)	Copper Diss. (chronic)	Lead Diss. (chronic)	Mercury Total (fish con)	Mercury Diss. (chronic)	Nickel Diss. (chronic)	Selenium Total (chronic)	Silver Diss. (cont.)	Thallium Total (w + f)	Zinc Diss. (chronic)	Manganese Total (w & f)	Iron Total (chronic)	Ammonia Total (chronic)	Nitrate Total (w + f)	Chloride Total (chronic)		
WRBP	11.5	5.36	5.54	0.05	0.005	0.001	0.001	0.002	0.0004835	0.00172	0.000340	0.0005376	0.0001192	0.00000100	0.00000085	0.0002392	0.000520	0.0000204	0.000003	0.0019079	0.027200	0.272000	0.080000	0.500000	17.000		
Penacook	2.37	0.53	1.84	0.02	0.001	0.001	0.001	0.001	0.0004835	0.00086	0	0.01192	0.0004965	0.0005	0.000425	0.000388	0.001	0.00085	0.001	0.00085	0.001	0	0	18014232	31.3005		
Concord	10.1	4.29	5.81	0.002	0.001	0.002	0.002	0.001	0.000967	0.00172	0.000340	0.0005376	0.0001192	0.00000100	0.00000085	0.0002392	0.000520	0.0000204	0.000003	0.0019079	0.027200	0.272000	0.080000	0.500000	17.000		
Sum Dkts Bold Day:				2.7140028	0.234919	0.15846	0.15846	0.1562092	0.0765541	0.07610636	0	2.01363664	0.184033849	0.04046568	0.03439528	0.3348784	0.234919	0.44656145	0.1100046	4.917579752	0	0	0	0	18014232	31.3005	
Dkts, Cup PSNH, mgl:				0.00081936	8.47228E-05	5.03118E-05	5.03118E-05	5.01883E-05	2.46153E-05	5.65507E-05	0	0.000646381	5.91446E-05	1.30015E-05	1.10511E-05	0.000126871	8.47228E-05	0.000143605	3.53435E-05	0.000579376	0	0	0	0	0.578787771	0.010243355	0
Total Cup PSNH, mgl (fst)				0.046232	0.0001407	0.0004143	0.0004143	0.0001102	4.566E-05	0.0002383	0.00034	0.0011846	0.0001783	1.4E-05	1.19E-05	0.0003861	0.00061472	0.000164	4.434E-05	0.0034879	0.0272	0.272	0.6587818	0.5102434	17		
Converted or appropriate (Disolved)						As, total		Cd, total	Cr+3, total	Cr+6, total	Cu, total	Pb, total		Hg, total	Ni, total	5 rounds samples for selenium	Aq, total		Zn, total						6 rounds samples for chloride		
Al	0.04536	na				WRBP	0.001	0.0005	0.002		0.001	0.0001		0.0005	0.002		0.001		0.001								
Sb	0.000946	na				Penacook	0.001	0.0005	0.001		0.012	0.0005		0.0005	0.004		0.001		0.001								
As, fish	0.000364	na				Concord	0.002	0.001	0.002		0.029	0.009		0.0002	0.005		0.001		0.001								
As, chronic	0.000364	na																									
Ba	0.00006	na																									
Cd	0.000021	0.00002104																									
Cr+3	0.000212	0.0001823																									
Cr+6	ND	ND																									
Cu	0.00056	0.0005376																									
Pb	0.00012	0.0001192																									
Hg, fish	0.000001	na																									
Hg, chronic	0.000001	0.00000085																									
Ni	0.00026	0.000252																									
Sa	0.00052	0.00052																									
Aq, acute	0.000024	0.0000204																									
Tl	0.000003	na																									
Zn	0.001935	0.0019079																									
Mn	0.0272	na																									
Fe	0.272	na																									
NH3	0.08	na																									
NO3	0.5	na																									
Chloride	18.2	na																									

2009 Flows (monthly average, MGD)			
	WRBP	Penacook	Concord
January	5.059	0.45	4.02
February	4.624	0.43	4.17
March	7.491	0.79	5.38
April	7.886	0.8	5.94
May	5.307	0.47	4.2
June	5.793	0.52	3.89
July	7.509	0.67	4.4
August	6.354	0.49	4.06
September	4.336	0.33	3.38
October	5.155	0.42	3.81
November	5.796	0.51	4.03
December	6.191	0.5	4.22
Average:	5.96	0.53	4.29