

**ONTARIO CLEAN WATER AGENCY  
WATER PLANT PERFORMANCE ASSESSMENT REPORT**

**MUNICIPALITY:** TOWN OF PRESCOTT  
**PROJECT:** PRESCOTT WATER SUPPLY  
**WORKS NUM.:** 220001245

**YEAR:** 2010  
**WATER SOURCE:** SURFACE  
**DESIGN CAP.:** 8.2 X 1000 m<sup>3</sup>/d

**DESCRIPTION:** SURFACE WATER TREATMENT PLANT  
CHEMICALLY ASSISTED DIRECT FILTRATION

MONTH	IN HOUSE RESULTS									
	SYSTEM FLOWS (TREATED)			BACKWASH FLOWS		TREATED			DISTRIBUTION	
	Total Flow m <sup>3</sup>	Avg. Flow m <sup>3</sup>	Max Day Flow m <sup>3</sup>	Supernatant Flow To River m <sup>3</sup>	Settled Solids To Sanitary Sewer m <sup>3</sup>	Avg. Free Cl <sub>2</sub> Resid. (mg/L)	Min. Free Cl <sub>2</sub> Resid. (mg/L)	Max Free Cl <sub>2</sub> Resid. (mg/L)	Min Free Cl <sub>2</sub> Resid. (mg/L)	Max Free Cl <sub>2</sub> Resid. (mg/L)
JAN	86895	2803	3227	4487	1414	1.55	1.39	1.78	0.38	1.64
FEB	80698	2882	3448	4255	1294	1.56	1.36	1.81	0.53	1.60
MAR	78558	2534	2992	3612	1189	1.53	1.35	1.73	0.74	1.60
APR	75103	2503	3363	4412	2233	1.59	1.23	1.92	0.60	1.62
MAY	87397	2819	4021	4289	2968	1.51	1.16	1.82	0.47	1.59
JUN	71953	2398	3285	3457	1524	1.55	1.11	1.92	0.40	1.52
JUL	85950	2773	4610	4388	1310	1.53	1.05	2.11	0.40	1.60
AUG	80320	2591	4061	4079	1218	1.63	1.14	1.93	0.34	1.50
SEP	72205	2407	3375	3604	2161	1.56	1.16	2.81	0.35	1.61
OCT	70650	2279	2794	3131	1486	1.55	1.10	1.97	0.31	1.54
NOV	68937	2298	2868	2824	1464	1.57	1.33	1.86	0.31	1.58
DEC	76027	2452	2835	4255	1993	1.66	1.41	1.90	0.55	1.60
TOTAL	934693									
AVG		2562				1.56				
MAX			4610					2.81		1.64
MIN							1.05		0.31	
CRITERIA			8200				CT	4.00	0.05	4.00

**Comments:**