



Sandcastle Estates Water Treatment Plant and Distribution System

2011 Summary Report

Prepared by the Township of Severn Utilities Department in accordance with the Safe Drinking Water Act, 2002 and Ontario Regulation 170/03 for the period from January 1, 2011 to December 31, 2011.

Part 1

Summary of Non-Compliances

The Safe Drinking Water Act, 2002, Ontario Regulation 170/03 along with the Municipal Drinking Water Licence and Permit, Permit to Take Water and any other order for the Sandcastle Estates water treatment plant and distribution system were complied with during the period from January 1, 2011 to December 31, 2011.

Part 2

Summary of Flow Data

Sandcastle Estates 2011 Flow Report

Month	Monthly Total (m ³)	Monthly Average Supplied to Distribution System (m ³)	Maximum Daily Flow (m ³)	Date of Maximum Flow	Percent Capacity Used (based on Maximum Day)
January	872	28	33	January 1, 9, 2011	8.49 %
February	754	27	34	February 20, 2011	8.74 %
March	878	28	45	March 4, 2011	11.57 %
April	890	30	35	April 9, 16, 22, 24, 30, 2011	9.00 %
May	1164	38	65	May 15, 2011	16.72 %
June	1178	39	65	June 5, 2011	16.72 %
July	1511	49	74	July 24, 2011	19.03 %
August	1126	36	49	August 1, 2011	12.60 %
September	925	31	38	September 2, 2011	9.77 %
October	956	31	47	October 8, 2011	12.09 %
November	831	28	32	November 23, 2011	8.23 %
December	921	30	54	December 31, 2011	13.89 %

Total Annual Flow: 12,005 m³

Note: Rated capacity of water plant is 388.8 m³/day.

Water main breaks: None for reporting period.