City of Ottawa
Combined Sewer Overflows for Control Period (April 15 - November 15)
Average Year, 2006, 2007 2008 and Average Year with RTC

			AverageYear			2006			2007			2008			2009			2010			AverageYear With RTC		
Rainfall (mm,during April 15 Nov 15 Control Period)			522			796			555			600			649			646			522		
Sewershed	Site	Receiver	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)	Events	Site Volume (m^3)	Sewershed Volume (m^3)
Cave Creek Collector	Merton Overflow	Ottawa River near Slidell	*2*	*340*		*3*	*11,017*		*4*	*6,962*		***20***	*?*		***43***	***10,755***		*4*	*967*		*2*	*340*	
	Scott Overflow	Ottawa River near Slidell	*2*	*10*		*2*	*4,466*		*2*	*3,704*		*2*	*224*		*2*	*2,198*		*1*	*186*		*2*	*10*	
	Ladouceur Overflow	Ottawa River near Slidell	*0*	*0*	*10,300*	*0*	*0*	*94,700*	*1*	*0.3*	*65,900*	*0*	*0*	*22,080*	***0***	***0***	*42,101*	*0*	*0*	*20,145*	*0*	*0*	*5,190*
	Lloyd-Preston Regulator[3]	Ottawa River via Fleet Street Pumping Station Tailrace	*8*	*9,920*		*10*	*79,180*		*9*	*55,215*		*10*	*21,856*		*10*	*29,148*		*10*	*18,992*		*7*	*4,840*	
Mooney's Bay Collector	Mooney's Bay Overflows	Ottawa River in Nepean Bay	*14*	*700*	*700*	*15*	*1,469*	*1,469*	*16*	*1,002*	*1,002*	*19*	*888*	*888*	*24*	*2,177*	*2,177*	*19*	*1,185*	*1,185*	*14*	*700*	*700*
Booth Street Sewer	Lloyd-Booth Regulator[2]	Ottawa River via Fleet Street Pumping Station Tailrace	*22*	*51,000*	*51,000*	*20*	*106,265*	*106,265*	*23*	*72,451*	*72,451*	***37***	***112,131***	***112,131***	**53**	**268,072**	**268,072**	*13*	*122,176*	*122,176*	*8*	*17,300*	*17,300*
Kent Street Sewer	Kent Street Overflow	Ottawa River, behind Supreme Court	*11*	*1,600*	*1,600*	*10*	*5,719*	*5,719*	*10*	*1,892*	*1,892*	***17***	***4,797***	***4,797***	**35**	**5,283**	**5,283**	**25**	**4,311**	**4,311**	*11*	*1,600*	*1,600*
Rideau Canal Overflow	Rideau Canal Regulator[2]	Ottawa River at Rideau Canal	*38*	*282,000*	*282,000*	**43**	**317,027**	**317,027**	*46*	*352,319*	*352,319*	***47***	***332,540***	***332,540***	**54**	**113,499**	**113,499**	**44**	**145,789**	**145,789**	*15*	*57,500*	*57,500*
Cathcart/King Edward System	King Edward Overflow	Ottawa River downstream McDonald- Cartier Bridge	*5*	*800*	*13,300*	*23*	*18,336*	*63,100*	*11*	*4,792*	*53,100*	*15*	*4,688*	*50,804*	*6*	*745*	*15,320*	*8*	*1,549*	***26,204***	*5*	*800*	*6,530*
	Cathcart Regulator[3]	Ottawa River upstream McDonald-Cartier Bridge	*16*	*12,500*		*26*	*44,801*		*27*	*48,342*		*33*	*46,116*		*29*	*14,575*		**28**	**24,655**		*9*	*5,730*	
Rideau River Collector	Lisgar-Dufferin Overflow	Ottawa River, near Sussex at Princess via Storm Sewer	*2*	*30*		*2*	*2,272*		*3*	*172*		*3*	*92*		-	-		***3***	***247***		*2*	*30*	
	Clegg St. Overflow	Rideau River @ Clegg Street	*10*	*310*	*20,400*	*13*	*1,041*	*413,800*	*9*	*411*	*118,000*	*18*	*742*	***277,202***	**9**	**1,839**	*165,951*	*15*	*452*	***65,511***	*10*	*310*	*23,500*
	Willingdon Overflow[4]	Ottawa River, opposite Gatineau River																**47**	**5,689**				
	Keefer Regulator [1,2]	Ottawa River @ Rideau River	*18*	*20,030*		**30**	**410,457**		*25*	*117,372*		***27***	***276,368***		**30**	**164,112**		**23**	**59,123**		*3*	*23,200*	
Hemlock Pumping Station	Hemlock Overflow	Ottawa River near Hillsdale via local creek	*4*	*500*	*22,600*	*5*	*3,388*	*41,900*	*9*	*2,505*	*33,900*	*8*	*1,269*	*32,927*	*6*	*605*	*18,449*	**13**	**300**	***26,111***	*4*	*500*	*22,600*
	Manor Park Overflow	Ottawa River Radcliffe Parkway Parking P5	*33*	*22,100*		*47*	*38,494*		*42*	*31,402*		*49*	*31,658*		**34**	**17,844**		*48*	*25,811*		*33*	*22,100*	
Alvin Heights Pull Back RCAF West	Alvin Heights/RCAF Overflow	Ottawa River, west of Rockliffe Air Base	*8*	*2900*	*2,900*	*9*	*29,926*	*29,926*	*8*	*22,341*	*22,341*	*14*	*8,565*	*8,565*	**44**	**734**	***734***	*13*	*11,242*	*11,242*	*8*	*2900*	*2,900*
RCAF East and NRC	RCAF Pumping Station	Ottawa River, east of Rockliffe Air Base	*1*	*10*	*30*	*8*	*7,161*	*15,500*	*4*	*3,062*	*4,700*	*3*	*245*	*895*	*1*	*15*	*836*	*4*	*766*	*1,120*	*1*	*10*	*30*
	NRC Overflow	Ottawa River, east of Rockcliffe Air Base	*2*	*20*		*5*	*8,363*		*4*	*1,588*		*3*	*650*		*4*	*821*		*4*	*354*		*2*	*20*	
TOTALS[1]			196		405,000	271		1,090,000	253		730,000	325		842,829	*384*		*632,422*	322		423,794	136		138,000

Figures shown in italics are estimated or simulated numbers.

Figures shown in bold text are measurement-based results.

Figures shown in bold italics are a combination of simulation-based and measurment-based results

[1] - Listed volume for 2006 does not include Keefer Regulator August Overflow Event.

[2] - These regulators will become automated as part of the Real Time Control Program.

[3] - The capacity at these sites will be significantly upgraded and monitored as part of the Real Time Control Program.

[4] - Former City of Rockliffe Overflow for which no model has been created; monitored for first time in 2010