



Port Angeles

January Overflow Report 2005

Wet Weather Overflows 9

Dry Weather Overflows 0

Site	Date	Total Flow Gallons
CSO 01	January 11, 2005	0
CSO 06	No Wet Weather Overflows	
CSO 07	January 1, 2005	1,384
	January 7, 2005	1,755
	January 12, 2005	6,290
	January 17, 2005	8,641
	January 22, 2005	662
CSO 08	No Wet Weather Overflows	
CSO 10	January 18, 2005	16,956
	January 19, 2005	10,739
	January 29, 2005	81,819

Site	Date	Total Flow Gallons
CSO 01	No Dry Weather Overflows	
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

February Overflow Report 2005

Wet Weather Overflows

4

Dry Weather Overflows

0

Site	Date	Total Flow Gallons	Site	Date	Total Flow Gallons
CSO 06	February 4, 2005	2,104,289	CSO 06	No Dry Weather Overflows	
CSO 07	February 4, 2005 February 6, 2005	12,394,399 444,037	CSO 07	No Dry Weather Overflows	
CSO 08	No Wet Weather Overflows		CSO 08	No Dry Weather Overflows	
CSO 10	February 4, 2005	2,535	CSO 10	No Dry Weather Overflows	

NOTE: Due to lack of real-time rain data provided by the client, all overflows are assumed wet.



Port Angeles

March Overflow Report 2005

Wet Weather Overflows

16

Dry Weather Overflows

0

Site	Date	Total Flow Gallons	Site	Date	Total Flow Gallons
CSO 06	March 1, 2005	2,445	CSO 06	No Dry Weather Overflows	
	March 3, 2005	82			
	March 28, 2005	3,898			
	March 31, 2005	20			
CSO 07	March 16, 2005	1,437	CSO 07	No Dry Weather Overflows	
	March 20, 2005	1,190			
	March 26, 2005	4,444			
	March 29, 2005	1,012			
CSO 08	March 26, 2005	1,516	CSO 08	No Dry Weather Overflows	
	March 29, 2005	478			
CSO 10	March 9, 2005	507	CSO 10	No Dry Weather Overflows	
	March 11, 2005	32			
	March 16, 2005	67,943			
	March 19, 2005	139,993			
	March 26, 2005	139,661			
	March 29, 2005	58,740			

NOTE: Due to lack of real-time rain data provided by the client, all overflows are assumed wet.



Port Angeles

April Overflow Report 2005

Wet Weather Overflows 20

Dry Weather Overflows 0

Site	Date	Total Flow Gallons	Site	Date	Total Flow Gallons
CSO 06	April 1, 2005	2,925	CSO 06	No Dry Weather Overflows	
	April 2, 2005	2,389			
	April 5, 2005	1,034			
	April 8, 2005	57			
	April 11, 2005	161			
	April 12, 2005	49			
	April 18, 2005	2,911			
	April 22, 2005	32			
April 25, 2005	68				
CSO 07	April 1, 2005	8,514	CSO 07	No Dry Weather Overflows	
	April 3, 2005	11,875			
	April 11, 2005	8,805			
	April 16, 2005	5,207			
	April 16, 2005	18,621			
CSO 08	No Wet Weather Overflows		CSO 08	No Dry Weather Overflows	
CSO 10	April 1, 2005	89,975	CSO 10	No Dry Weather Overflows	
	April 3, 2005	7,099			
	April 11, 2005	31			
	April 18, 2005	874			
	April 22, 2005	22			
	April 24, 2005	21			



Port Angeles

May Overflow Report 2005

Wet Weather Overflows

9

Dry Weather Overflows

0

Site	Date	Total Flow Gallons
CSO 06	May 19, 2005	4,181
CSO 07	May 16, 2005 May 19, 2005	8,094 44,433
CSO 08	May 19, 2005	30,375
CSO 10	May 4, 2005 May 15, 2005 May 18, 2005 May 20, 2005 May 22, 2005	125,313 687,577 1,174,172 19,385 125,322

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

June Overflow Report 2005

Wet Weather Overflows 7

Dry Weather Overflows 0

Site	Date	Total Flow Gallons
CSO 06	June 10, 2005	553
	June 16, 2005	4,232
CSO 07	June 10, 2005	24,900
	June 17, 2005	38,207
	June 26, 2005	2,291
CSO 08	None	
CSO 10	June 10, 2005	95,428
	June 16, 2005	71,766

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

July Overflow Report 2005

Wet Weather Overflows

2

Dry Weather Overflows

0

Site	Date	Total Flow Gallons	Site	Date	Total Flow Gallons
CSO 06	None		CSO 06	No Dry Weather Overflows	
CSO 07	July 8, 2005	6,878	CSO 07	No Dry Weather Overflows	
CSO 08	None		CSO 08	No Dry Weather Overflows	
CSO 10	July 8, 2005	40,949	CSO 10	No Dry Weather Overflows	



Port Angeles

August Overflow Report 2005

Wet Weather Overflows

6

Dry Weather Overflows

0

Site	Date	Total Flow Gallons	Site	Date	Total Flow Gallons
CSO 06	August 17, 2005	186	CSO 06	No Dry Weather Overflows	
	August 28, 2005	1			
CSO 07	August 17, 2005	175	CSO 07	No Dry Weather Overflows	
	August 28, 2005	72			
CSO 08	August 17, 2005	32	CSO 08	No Dry Weather Overflows	
CSO 10	August 17, 2005	793	CSO 10	No Dry Weather Overflows	

All flows calculated using Manning's Equation (Slope: 0.025, n: 0.015)



Port Angeles

September Overflow Report 2005

Wet Weather Overflows

4

Dry Weather Overflows

0

Site	Date	Total Flow Gallons
CSO 06	September 29, 2005	2
CSO 07	September 29, 2005	97
CSO 08	September 29, 2005	1
CSO 10	September 29, 2005	78

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

October Overflow Report 2005

Wet Weather Overflows

3

Dry Weather Overflows

0

Site	Date	Total Flow Gallons
CSO 06	October 31, 2005	8
CSO 07	October 16, 2005 October 31, 2005	36 153
CSO 08	No Wet Weather Overflows	
CSO 10	No Wet Weather Overflows	

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

November Overflow Report 2005

Wet Weather Overflows

15

Dry Weather Overflows

0

Site	Date	Total Flow Gallons
CSO 06	November 4, 2005	4,088
	November 5, 2005	50
	November 11, 2005	6,585
	November 25, 2005	4,705
CSO 07	November 4, 2005	410,355
	November 10, 2005	2,178
	November 11, 2005	216,464
	November 13, 2005	27,952
	November 25, 2005	139,213
CSO 08	November 4, 2005	824
	November 11, 2005	5,679
	November 25, 2005	6,862
CSO 10	November 4, 2005	434,432
	November 11, 2005	1,569,909
	November 25, 2005	123,964

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	



Port Angeles

December Overflow Report 2005

Wet Weather Overflows

15

Dry Weather Overflows

0

Site	Date	Total Flow Gallons
CSO 06	December 20, 2005	1,709
	December 22, 2005	3,137
	December 25, 2005	8,115
	December 28, 2005	15
	December 31, 2005	19
CSO 07	December 20, 2005	143,021
	December 22, 2005	225,421
	December 24, 2005	290,817
	December 28, 2005	265,434
	December 30, 2005	378,699
CSO 08	December 20, 2005	930
CSO 10	December 3, 2005	8,423,826
	December 20, 2005	511,100
	December 22, 2005	971,003
	December 25, 2005	796,902

Site	Date	Total Flow Gallons
CSO 06	No Dry Weather Overflows	
CSO 07	No Dry Weather Overflows	
CSO 08	No Dry Weather Overflows	
CSO 10	No Dry Weather Overflows	