

Permit: 60
 Facility Name: WAYLAND/SUDBURY WWTP
 TOWN: WAYLAND
 Basin: CONC

Monthly Maximum Data Report

Jan 01, 2009 through Dec 31, 2009

Contaminant: Permit Version Permit Limit Freq: Jan 2009 Feb 2009 Mar 2009 Apr 2009 May 2009 Jun 2009 Jul 2009 Aug 2009 Sep 2009 Oct 2009

Sample Location	Permit Version	Permit Limit	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009	Jun 2009	Jul 2009	Aug 2009	Sep 2009	Oct 2009
Flow (gpd)			25,000	24,471	12,053	24,451	24,614	24,438	24,621	24,592	24,970	24,448
Effluent Point	1	D										

pH (s.u.)	Influent Point	RO	NR	D	pH Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	NR	D	7.7	7.2	7.2	7.1	7.4	7.6	7.5	7.2	7.7			
	1	RO	RO	D	6.5	6.3	6.7	6.4	6.8	7.4	6.4	6.6	7.4			
	1	RO	RO	M	6.3	6.1	6.2	6.1	6.3	6.6	6	6.4	7.4			
	1	RO	RO	M	6.2	6.4	6.2	6.2	6.4	6.7	6.1	6.5	6.9			
	1	RO	RO	M	6.5	6.2	6.7	6	6.2	6.5	6.1	6.5	6.5			
	1	RO	RO	M	5.9	6	6.6	6.4	6.3	7.3	6	6.5	6.4			
	1	RO	RO	M	6	6.1	6.3	6	6	6.3	6.2	6.3	6.8			

BOD (mg/l)	Influent Point	RO	M	M	BOD Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	M	M	6,500	1,800	170	430	930	3,300	3,700	1,900	2,400			
	1	RO	M	M	32	ND	ND	31	24	18	ND	9.6	ND			
	1	RO	M	M	24,000	21,000	1,300	5,000	7,200	10,000	11,400	5,600	11,000			
	1	RO	M	M	24	9	29	18	30	4	4	3.3	2			

Total Solids (mg/l)	Influent Point	RO	M	M	Total Solids Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	M	M	26,000	22,000	23,000	64,000	7,900	13,000	13,000	7,000	12,000			
	1	RO	M	M	1,300	1,300	2,400	650	760	600	660	720	1,100			

Settleable Solids (ml/l)	Influent Point	RO	0.1	D	Settleable Solids Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	0.1	D												

Ammonia-N (mg/l)	Influent Point	RO	M	M	Ammonia-N Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	M	M	58	46	16	54	40	46	62	59.6	57.4			

Nitrate-N (mg/l)	Effluent Point	RO	M	M	Nitrate-N Values											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
	1	RO	M	M	4.5	6.6	10	10	0.5	5.9	11	7.6	6.4			
	1	RO	M	M		0.02			ND			ND	0.01			
	1	RO	M	M		5.6			1.5			4.6	10			
	1	RO	M	M		0.4			ND			ND	0.018			
	1	RO	M	M		1.4			1.5			1.5	0.66			
	1	RO	M	M		1.7			1.2			2	1.9			
	1	RO	M	M		2.6			2.7			2.2	1.8			

Permit: 60

Facility Name: WAYLAND/SUDBURY WWTP

TOWN: WAYLAND

Basin: CONC

Monthly Maximum Data Report

Jan 01, 2009 through Dec 31, 2009

Contaminant	Sample Location	Permit Version	Permit Limit	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009	Jun 2009	Jul 2009	Aug 2009	Sep 2009	Oct 2009
Total Nitrogen(NO3+NO2+TKN) (mg/l)													
Effluent Point	1	RO	M	8.3	10.2	13	1.4	5.1	8.6	13	10		9.1
D-3(CG)	1	RO	Q		1.2			1.2			1.1		1
MW-1(CG)	1	RO	Q		6.7			2.5			5.9		11
MW-2(DG)	1	RO	Q		2.5			1.8			2.2		1.8
MW-3(DG)	1	RO	Q		2.6			2.9			3.2		4.5
MW-4(DG)	1	RO	Q		2.1			1.2			2		2.2
MW-5(DG)	1	RO	Q		3.1			2.7			2.2		2.3
Oil & Grease (mg/l)													
Effluent Point	1	15	M	1.5	1.1	3.2	2	4.1	4.8	4.3	4.8		ND
Chlorine Residual (mg/l)													
Effluent Point	1	1	D	0.97	0.92	0.97	0.6	0.94	0.98	0.98	0.88		0.97
UV Intensity (%)													
Effluent Point	1	NR	D	ND		ND							
Fecal Coliform (/100 ml)													
Effluent Point	1	200	M	ND	6	1	21	27	ND	ND	4		ND
Chloride (mg/l)													
D-3(CG)	1	RO	Q		63			70			71		68
MW-1(CG)	1	RO	Q		160			740			210		240
MW-2(DG)	1	RO	Q		66			280			170		220
MW-3(DG)	1	RO	Q		24			190			320		180
MW-4(DG)	1	RO	Q		230			140			390		410
MW-5(DG)	1	RO	Q		120			160			150		260
Static Water Level (Feet)													
D-3(CG)	1	RO	M	6.1	6.5	6.3	6.2	6.4	6.7	6.3	6.3		7.2
MW-1(CG)	1	RO	M	36.1	36.6	36.2	36.2	36.4	36.6	36.2	36.3		37.1
MW-2(DG)	1	RO	M	45.9	46.4	46	46.9	46.2	46.4	45.9	46		46.9
MW-3(DG)	1	RO	M	27	27.4	27.1	27.1	27.3	27.6	27	27.1		28.1
MW-4(DG)	1	RO	M	11.4	11.9	11.6	11.6	11.8	12.1	11.5	11.6		12.5
MW-5(DG)	1	RO	M	13.7	14.1	13.9	15.8	14.1	14.4	13.8	13.9		14.8

Permit: 60
 Facility Name: WAYLAND/SUBBURY WWTP
 TOWN: WAYLAND
 Basin: CONC

Monthly Maximum Data Report

Jan 01, 2009 through Dec 31, 2009

Contaminant

Sample Location Permit Permit
 Version Limit Freq: Jan 2009 Feb 2009 Mar 2009 Apr 2009 May 2009 Jun 2009 Jul 2009 Aug 2009 Sep 2009 Oct 2009

Specific Conductance (umhos/c)	1	RO	M	347	538	600	651	635	641	598	536	567
D-3(CG)	1	RO	M	347	538	600	651	635	641	598	536	567
MMW-1(CG)	1	RO	M	512	898	1,014	2,041	2,330	1,530	1,243	882	1,003
MMW-2(DG)	1	RO	M	462	757	694	925	524	1,200	964	840	916
MMW-3(DG)	1	RO	M	231	299	356	628	319	466	1,345	1,044	815
MMW-4(DG)	1	RO	M	422	912	829	923	268	670	1,275	1,269	1,177
MMW-5(DG)	1	RO	M	513	740	1,305	888	312	858	970	878	1,014

Lead (mg/l)	1 <th>0.05 <th>Q <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th></th></th></th></th></th>	0.05 <th>Q <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th></th></th></th></th>	Q <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th></th></th></th>	ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th></th></th>	ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th></th>	ND <th>ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th>	ND <th>ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th>	ND <th>ND <th>ND <th>ND <th>ND </th></th></th></th>	ND <th>ND <th>ND <th>ND </th></th></th>	ND <th>ND <th>ND </th></th>	ND <th>ND </th>	ND
D-3(CG)	1	0.05	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND
MMW-1(CG)	1	0.05	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND
MMW-2(DG)	1	RO	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND
MMW-3(DG)	1	0.05	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND
MMW-4(DG)	1	0.05	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND
MMW-5(DG)	1	0.05	Q	ND	ND	ND	ND	ND	ND	ND	ND	ND

Manganese (mg/l)	1 <th>0.05 <th>Q <th>6.59</th> <th>7.36</th> <th>7.38</th> <th>7.7</th> </th></th>	0.05 <th>Q <th>6.59</th> <th>7.36</th> <th>7.38</th> <th>7.7</th> </th>	Q <th>6.59</th> <th>7.36</th> <th>7.38</th> <th>7.7</th>	6.59	7.36	7.38	7.7
D-3(CG)	1	0.05	Q	6.59	7.36	7.38	7.7
MMW-1(CG)	1	0.05	Q	0.185	0.11	0.288	0.08
MMW-2(DG)	1	RO	Q	1.02	2.06	1.43	1.69
MMW-3(DG)	1	0.05	Q	5.69	5.9	7.99	12.2
MMW-4(DG)	1	0.05	Q	0.13	0.11	3.07	0.539
MMW-5(DG)	1	0.05	Q	0.378	0.37	0.107	0.09

Mercury (mg/l)	1 <th>0.002 <th>Q <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th>	0.002 <th>Q <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th>	Q <th>ND <th>ND <th>ND <th>ND </th></th></th></th>	ND <th>ND <th>ND <th>ND </th></th></th>	ND <th>ND <th>ND </th></th>	ND <th>ND </th>	ND
D-3(CG)	1	0.002	Q	ND	ND	ND	ND
MMW-1(CG)	1	0.002	Q	ND	ND	ND	ND
MMW-2(DG)	1	RO	Q	ND	ND	ND	ND
MMW-3(DG)	1	0.002	Q	ND	ND	ND	ND
MMW-4(DG)	1	0.002	Q	ND	ND	ND	ND
MMW-5(DG)	1	0.002	Q	ND	ND	ND	ND

Total VOC (ug/l)	1 <th>RO <th>A <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th></th>	RO <th>A <th>ND <th>ND <th>ND <th>ND </th></th></th></th></th>	A <th>ND <th>ND <th>ND <th>ND </th></th></th></th>	ND <th>ND <th>ND <th>ND </th></th></th>	ND <th>ND <th>ND </th></th>	ND <th>ND </th>	ND
D-3(CG)	1	RO	A	ND	ND	ND	ND
MMW-1(CG)	1	RO	A	2	ND	ND	ND
MMW-2(DG)	1	RO	A	ND	ND	ND	ND
MMW-3(DG)	1	RO	A	ND	ND	ND	ND
MMW-4(DG)	1	RO	A	ND	ND	ND	ND
MMW-5(DG)	1	RO	A	ND	ND	ND	ND

Permit: 60

Facility Name: WAYLAND/SUDBURY WWTP

TOWN: WAYLAND

Basin: CONC

Monthly Maximum Data Report

Jan 01, 2009 through Dec 31, 2009

Contaminant

Sample Location	Permit Version	Permit Limit	Freq	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009	Jun 2009	Jul 2009	Aug 2009	Sep 2009	Oct 2009
Chloroform (ug/l)	1	RO	A										
MW-1(CG)													

2

Report Parameters

Permit: 60

Date Range: January 01, 2009 - December 31, 2009

Region: NE

Permit: 60
 Facility Name: WAYLAND/SUBBURY WWTP
 TOWN: WAYLAND
 Basin: CONC

Monthly Maximum Data Report

Jan 01, 2008 through Dec 31, 2008

Contaminant

Sample Location	Permit Version	Permit Limit	Req:	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008
Flow (gpd)				24,714	24,676	25,006	24,853	24,801	24,752	24,754	25,015	24,828	24,676	24,659	24,864
pH (s.u.)															
Effluent Point	1	25,000	D	8	7.6	7.3	7.2	7.7	7.5	7.4	7.4	7.9	7.6	7.6	7.7
Effluent Point	1	RO	D	8.1	7.5	6.8	7.1	6.6		6.2	6.3	7.1	7	6.6	7.4
Effluent Point	1	RO	M	6.3	6.5	6.3	6.4	6.3		6.4	6.2	6.8	6.5	6.3	6.3
Effluent Point	1	RO	M	8.4	6.7	6.5	6.4	6.4		6.3	6.5	7.2	6.5	6.7	6.6
Effluent Point	1	RO	M	6.5	26.5	6.2	6.7	6.1		6	5.8	6.8	6.9	6.1	6.5
Effluent Point	1	RO	M	6.2	6	5.8	6.5	5.8		6.5	6.5	6.3	7.1	6.1	5.9
Effluent Point	1	RO	M	8.8	6.5	6.4	6.9	6.2		6	6.3	6.7	6.6	6.2	6.1
BOD (mg/l)				5,200	240	2,600	3,200	4,400		4,600	1,400	810	600	1,800	3,900
Influent Point	1	RO	M	24	ND	15	ND	9		7.9	8.4	7.6	26	23	28
Effluent Point	1	10	M												
TSS (mg/l)				24,000	280	9,500	5,900	13,000		13,000	4,700	4,700	4,200	8,300	15,000
Influent Point	1	RO	M	5.6	85	11	12	9.7		5.3	9.5	8	6.5	14	20
Effluent Point	1	20	M												
Total Solids (mg/l)				29,000	3,400	12,000	7,700	14,000		13,000	5,900	4,900	4,400	9,400	17,000
Influent Point	1	RO	M	2,100	16,000	1,200	840	860		780	650	610	620	660	540
Effluent Point	1	RO	M												
Settleable Solids (ml/l)				0.1											
Effluent Point	1	0.1	D												
Ammonia-N (mg/l)				62	27	56	61	67		74	50	44	51	52	57
Influent Point	1	RO	M												
Nitrate-N (mg/l)				10.9	6.5	9.8	24	9.5		5	3.9	4.8	6.5	11	8.5
Effluent Point	1	RO	M			ND		0.54						ND	
Effluent Point	1	10	Q			ND		13						7.4	
Effluent Point	1	10	Q			11		13						7.4	
Effluent Point	1	RO	Q			ND		ND						ND	
Effluent Point	1	RO	Q			ND		ND						0.99	
Effluent Point	1	10	Q			1.6		16						2.2	
Effluent Point	1	10	Q			2.4		1.5						2.2	
Effluent Point	1	10	Q			5.2		4.4						4.1	

Permit: 60

Facility Name: WAYLAND/SUDBURY WWTP

TOWN: WAYLAND

Basin: CONC

Monthly Maximum Data Report

Jan 01, 2008 through Dec 31, 2008

Contaminant

Sample Location	Permit Version	Permit Limit	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008
Total Nitrogen(NO3+NO2+TKN) (mg/l)														
Effluent Point	1	RO	13.4	9.6	28.5	14.3	13.9	7.6	7	7.5	8.8	14	12.8	
D-3(CG)	1	RO	Q	1.1	1.5	14	14	7.4	7.4	ND	ND	ND	ND	
MW-1(CG)	1	RO	Q	12	14	14	14	ND	ND	ND	ND	ND	ND	
MW-2(DG)	1	RO	Q	3.2	4.4	2.8	2.8	0.99	0.99	0.99	0.99	0.99	0.99	
MW-3(DG)	1	RO	Q	2.8	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	
MW-4(DG)	1	RO	Q	5.8	4.4	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1	
Oil & Grease (mg/l)														
Effluent Point	1	15	1.1	5.8	1.5	2	7	2.4	5.4	3.4	1.8	2.4	2.4	2.8
Chlorine Residual (mg/l)														
Effluent Point	1	1	0.98	0.98	0.98	0.91	0.92	0.91	0.98	0.97	0.94	0.99	0.99	0.98
UV Intensity (%)														
Effluent Point	1	NR	ND											
Fecal Coliform (/100 ml)														
Effluent Point	1	200	180	ND	ND	141	ND	ND	ND	6	27	130	16	
Chloride (mg/l)														
D-3(CG)	1	RO	Q	63	390	190	66	66	66	66	66	66	66	
MW-1(CG)	1	RO	Q	390	190	630	460	160	160	160	160	160	160	
MW-2(DG)	1	RO	Q	97	240	260	260	110	110	110	110	110	110	
MW-3(DG)	1	RO	Q	240	260	230	230	220	220	220	220	220	220	
MW-4(DG)	1	RO	Q	260	260	260	260	230	230	230	230	230	230	
Static Water Level (Feet)														
D-3(CG)	1	RO	7.7	6	5.7	6.2	6.2	7.5	6.6	6.7	6.8	6.9	6.9	6.7
MW-1(CG)	1	RO	37.8	35.9	35.4	36.2	36.2	36.9	36.3	36.6	36.7	36.8	36.8	36.7
MW-2(DG)	1	RO	47.7	45.8	45.5	46.2	46	46.8	46.1	46.3	46.5	46.6	46.6	46.5
MW-3(DG)	1	RO	28.7	26.4	26.8	27.1	27.1	27.9	27.3	27.5	26.8	27.8	27.8	27.5
MW-4(DG)	1	RO	12.9	11.2	11	11.6	11.6	12.3	11.7	11.9	12.1	12.2	12.2	12
MW-5(DG)	1	RO	15.3	13.2	13.1	13.8	13.8	14.7	14	14.2	14.5	14.5	14.5	14.3

Permit: 60
 Facility Name: WAYLAND/SUBURRY WWTP
 TOWN: WAYLAND
 Basin: CONC

Monthly Maximum Data Report

Jan 01, 2008 through Dec 31, 2008

Contaminant

Sample Location	Permit Version	Permit Limit	Req:	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008
Specific Conductance (umhos/c)															
D-3(CG)	1	RO	M	309	276	353	300	509	364	330	335	370	423	325	
MMW-1(CG)	1	RO	M	364	359	561	546	1,477	633	498	714	600	532	706	
MMW-2(DG)	1	RO	M	440	327	486	471	1,651	658	412	756	640	523	460	
MMW-3(DG)	1	RO	M	330	256	376	356	756	494	432	530	370	366	283	
MMW-4(DG)	1	RO	M	397	366	595	446	739	422	349	640	555	426	349	
MMW-5(DG)	1	RO	M	415	383	510	457	892	502	372	770	660	183	482	

Lead (mg/l)															
D-3(CG)	1	0.05	Q												
MMW-1(CG)	1	0.05	Q												
MMW-2(DG)	1	RO	Q												
MMW-3(DG)	1	0.05	Q												
MMW-4(DG)	1	0.05	Q												
MMW-5(DG)	1	0.05	Q												

Manganese (mg/l)															
D-3(CG)	1	0.05	Q												
MMW-1(CG)	1	0.05	Q												
MMW-2(DG)	1	RO	Q												
MMW-3(DG)	1	0.05	Q												
MMW-4(DG)	1	0.05	Q												
MMW-5(DG)	1	0.05	Q												

Mercury (mg/l)															
D-3(CG)	1	0.002	Q												
MMW-1(CG)	1	0.002	Q												
MMW-2(DG)	1	RO	Q												
MMW-3(DG)	1	0.002	Q												
MMW-4(DG)	1	0.002	Q												
MMW-5(DG)	1	0.002	Q												

Total VOC (ug/l)															
Effluent Point	1	RO	A												
D-3(CG)	1	RO	A												
MMW-1(CG)	1	RO	A												
MMW-2(DG)	1	RO	A												
MMW-3(DG)	1	RO	A												
MMW-4(DG)	1	RO	A												
MMW-5(DG)	1	RO	A												

Monthly Maximum Data Report

Jan 01, 2008 through Dec 31, 2008

Permit: 60
 Facility Name: WAYLAND/SUDBURY WWTP
 TOWN: WAYLAND
 Basin: CONC
 Contaminant
 Sample Location: Permit Version Limit Freq: Jan 2008 Feb 2008 Mar 2008 Apr 2008 May 2008 Jun 2008 Jul 2008 Aug 2008 Sep 2008 Oct 2008 Nov 2008 Dec 2008

Sample Location	Permit Version	Limit	Freq	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008
Toluene (ug/l)															
Effluent Point	1	RO	A												1
Chloroform (ug/l)															
Effluent Point	1	RO	A												37
4-Methyl-2-pentanone (MIBK) (ug/l)															
MW-3(DG)	1	RO	A			1									
Bromodichloromethane (ug/l)															
Effluent Point	1	RO	A												8

Report Parameters
 Permit: 60
 Date Range: January 01, 2008 - December 31, 2008
 Region: NE